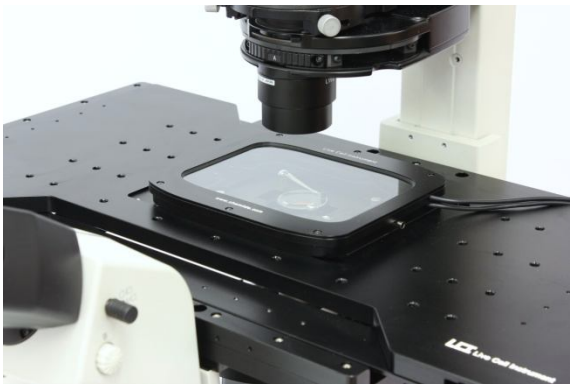
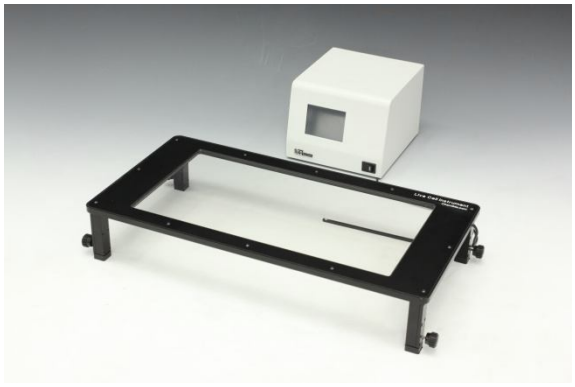
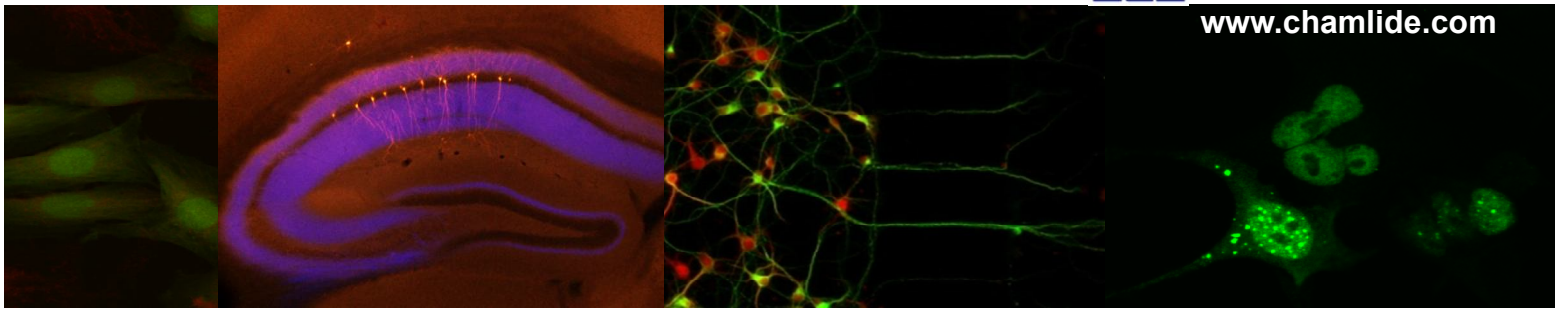



Catalogue Ver. 7.3.1

Chambers & Top-Stage Incubators for the Microscope

Live Cell Instrument
www.chamlide.com



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Why Live Cell Imaging ?

To understand the functional integrity of the whole living organism, it is important to have a clear understanding of the interactions between individual cells and a single molecule within these cells. With the latest biomolecular/cellular imaging technology, researchers are focusing on investigating such biological interactions at both molecular and cellular levels. This involves direct imaging of the "presence" of single molecules and individual cells as well as the use of real-time imaging of dynamic, reversible biological signaling "events" such as protein-protein interaction, protein modification and intracellular calcium changes. Moreover, this imaging technology can be combined with the protein manipulation techniques to elucidate the functional contribution of these dynamic interactions and signal transduction events in the whole living organism.

Live Cell Instrument (LCI) is an innovative company that designs, develops and manufactures live-Cell microscopy environmental control systems for qualitative and or quantitative microscopy. Our Products are dedicated to the science of live-cell microscopy and include imaging systems, micro-Observation environmental control instruments, and specialized fittings and adapters as well as numerous supplemental items.

Environment for the Cell on the Microscope

1. Temperature

Most mammalian cells grow at 35-37^{o}C. If the temperature is not optimally controlled, the cell growth can be largely compromised. High temperature is more detrimental since it results in an immediate cell death. Therefore, maintaining the temperature within an optimal range is very important for cellular imaging. When the imaging with a high numeric aperture lens, it is necessary to control the temperature of the objective.

2. pH

Correct pH is crucial for the cultured cells to maintain the normal physiological states and thus remains viable for a long time. The pH of the medium should be maintained around pH 7.4. The bicarbonate buffer system is the most widely used in the cell culture. The pH depends on the level of CO_2. Thus, the CO_2 level should be maintained during the cell imaging.

3. Humidity

All incubator systems should maintain the internal humidity to prevent the medium evaporation. The evaporation causes the accumulation of the cell metabolites and medium constituents that will eventually impair the cell growth.

Chamlide Incubator System

Stable Environment for the Live Cell Imaging

Chamlide incubator systems create a stable cell environment by maintaining the proper temperature, humidity and pH for a long term.

Controller

- PID for the precise temperature control of all electrical parts (incubator cover, incubator main body, humidifier, and lens warmer)
- Adjusting the flow rate of CO_2 gas
- User-friendly to operate

Incubator

- Optimal cell growth conditions by controlling the temperature, humidity and pH.
- Main body is the heating plate to maintain the temperature of cells.
- Incubator cover contains a built-in reflecting glass heater to achieve perfect transmission for imaging and to control the temperature inside, preventing the formation of condensation.

Humidifier

- Maintains humidity of the incubator inside to prevent evaporation, which can cause cell damage.
- Generate warm moisture which does not affect temperature within the incubator.
- CO_2 gas passes through the humidifier and enters the incubator mixed with warm vapor.
- The rate of air-bubbling in the humidifier can be used to check the flow of CO_2 gas.

Lens warmer

- For high-resolution imaging is to control the temperature of the objectives
- Optical coupling medium (oil, glycerin, or water) acts as a thermal coupling medium to draw heat away from the specimen.
- Lens warmer maintains proper temperature of the lens
- Heating band fits all types of objectives.

Use with Chamlide Magnetic Chambers and Commercial Culture Wares

Chamlide incubator systems accept various Chamlide magnetic chambers as well as consumable 35mm culture dishes and all well plates.

Compact Design

- Designed for easy handling, portable from the microscope
- Very compatible to all microscopes

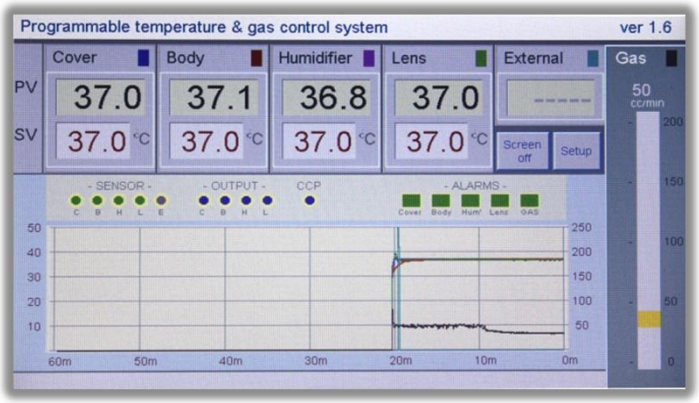
Convenient Computer-Controlled Operation

- CCP software regulates the temperatures of the incubator main body, incubator cover, humidifier and lens warmer and gas concentration.
- CCP is to program temperature and gas gradients and to record temperatures and gas concentration over time.

Temperature Controllers

CU-501: 5-channel controller/ **CU-302**: 2-channel controller/ **CU-301**: 1 channel controller

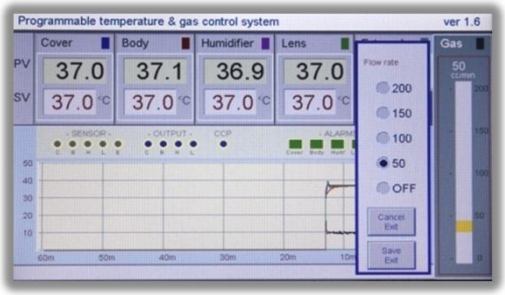
Touch Panel for CU-501



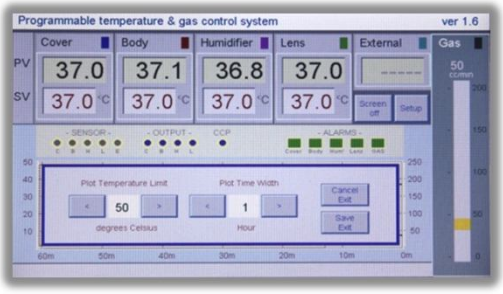
Main Window

- 4-channel temperature windows and an external temperature sensor window.
- Digital flow meter for mixed gas
- Real-time graph for all parameters
- Alarm function
- Automatic screen off function
- Changeable internal parameter (e.g. PID values in the setup mode)

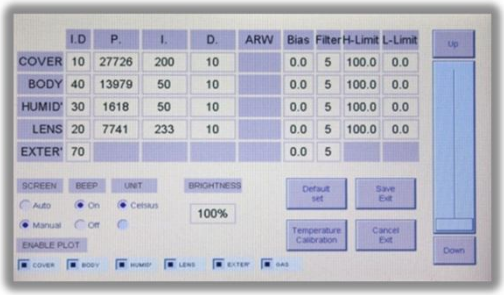
- Changeable temperatures



- Changeable flow rate of mixed gas



- Changeable total duration & parameter range of the graph.



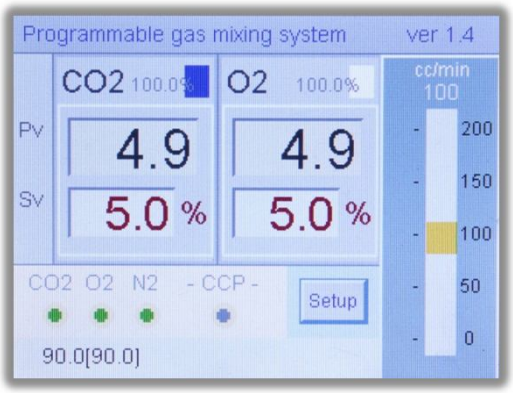
- Changeable PID values, calibration value, automatic screen off function or etc.

Automatic Gas Mixer

FC-5N: automatic CO_2 / air mixer

FC-9: automatic CO_2 / O_2 / N_2 mixer

Touch Panel for FC-9

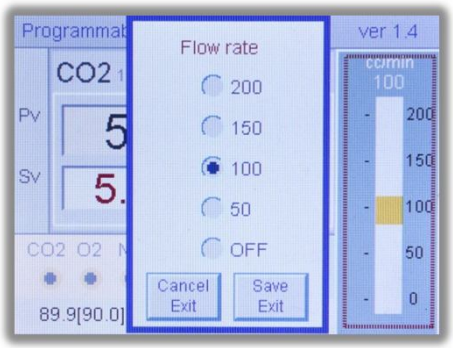


Main Window

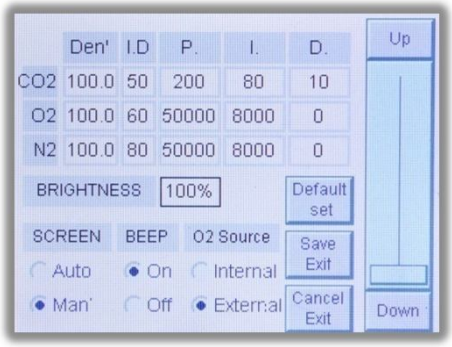
- 2-channel gas control windows .
- Digital flow meter for mixed gas
- Automatic screen off function
- Changeable internal parameter

  (e.g. PID values in the setup mode)

- Changeable gas percentage



- Changeable flow rate of mixed gas



- Changeable PID values, calibration value, automatic screen off function, & etc.

- CU-501 temperature controller stacked

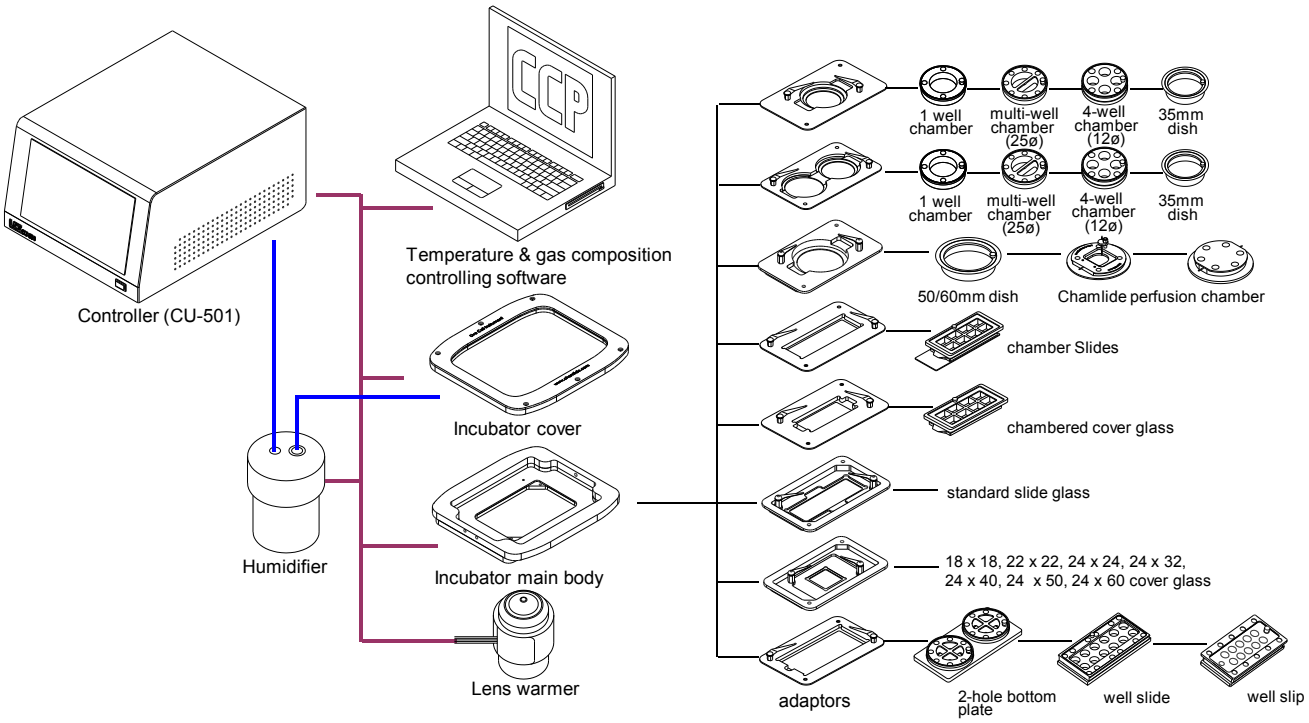
Chamlide TC

Incubator System for Various Types of Chambers

- Able to use with the most microscope stages.
- Able to use with a variety of Chamlide magnetic chambers, commercial culture dishes, and commercial culture dishes using 8 types of adaptors (5 adaptors provided as standard).
- Special glass covers for disposable culture wares to maintain humidity and provide excellent transmission for imaging (For Lab-Tek chambered cover glass, Lab-Tek chamber slide, and 35mm plastic culture dish).
- CU-501controls temperatures of the incubator main body, incubator cover, humidifier, and lens warmer.
- CU-501 adjusts flow rate of the mixed CO_2 gas by the flow meter.
- Glass incubator cover is coated by the heating element.
- Optimum mixed gas is provided to all incubator systems with FC-5N or FC-9. (e.g. Chamlide TC, WP, and IC instead of pre-mixed 5% CO_2/ 95% air gas)
- In/out ports without opening the incubator cover using CM-B-PA, CM-B-PB.
- Able to control the temperature and gas concentration, and to program the temperature and the gas concentration gradients.
- Able to record temperature and gas concentration over time using CCP ver.7 software or MetaMorph software.

TC Adaptors

- **For 35mm dish type chamber or dish**
  Commercial 35mm culture dishes or 35mm dish type Chamlide magnetic chambers
- **For Chamber slide**
  Nunc Lab-Tek™ II Chamber Slide
- **For chamber cover glass**
  Nunc Lab-Tek™ II chamber- cover glass
- **For 2-hole type Chamlide MB or Well slide/ Well slip**
  Chamlide MB, Well slide, Well slip or customized chambers
- **For two 35mm dish type chambers or dish**
  Two commercial 35mm culture dishes or 35mm dish type Chamlide magnetic chambers
- **For standard slide glass**
  75 x 25 standard slide glass
- **For cover glass**
  18 x 18, 22 x 22, 24 x 24, 24 x 32, 24 x 40, 24 x 50, 24 x 60 cover glass
- **For 50/60mm dish**
  Commercial 50/60 mm culture dishes



- Hole(s) to inject reagent solution during time-lapse imaging
- Sizes and shapes are customizable.
- Silicon lids to cover the hole (option)

- Water reservoir inside of the main body to raise the humidity of the incubator without a glass cover or a special cover (option)

Specifications

Temperature range	Ambient +3℃ ~ +45℃	
Recommended 5% CO_2 / 95% Air flow rate	100 ml/ min	
Incubator physical dimension (mm)	Cover	164.9 (W) x 134 (D) x 11 (H)
	Main body	160.0 (W) x 130 (D) x 14 (H)
	(insert part)	(160 x 110, universal K insert size)
	Adaptor	110 (W) x 62 (D) x 7 (H)
Heating method	Cover	invisible coating heater
	Main body	thin layer heater
	Humidifier	cartridge heater
	Lens warmer	thin layer heater
Sensor	PT 100 ohm	
Incubator material	Black anodized aluminum alloy	

Model No.	**Product**
TC-L-10	Chamlide TC

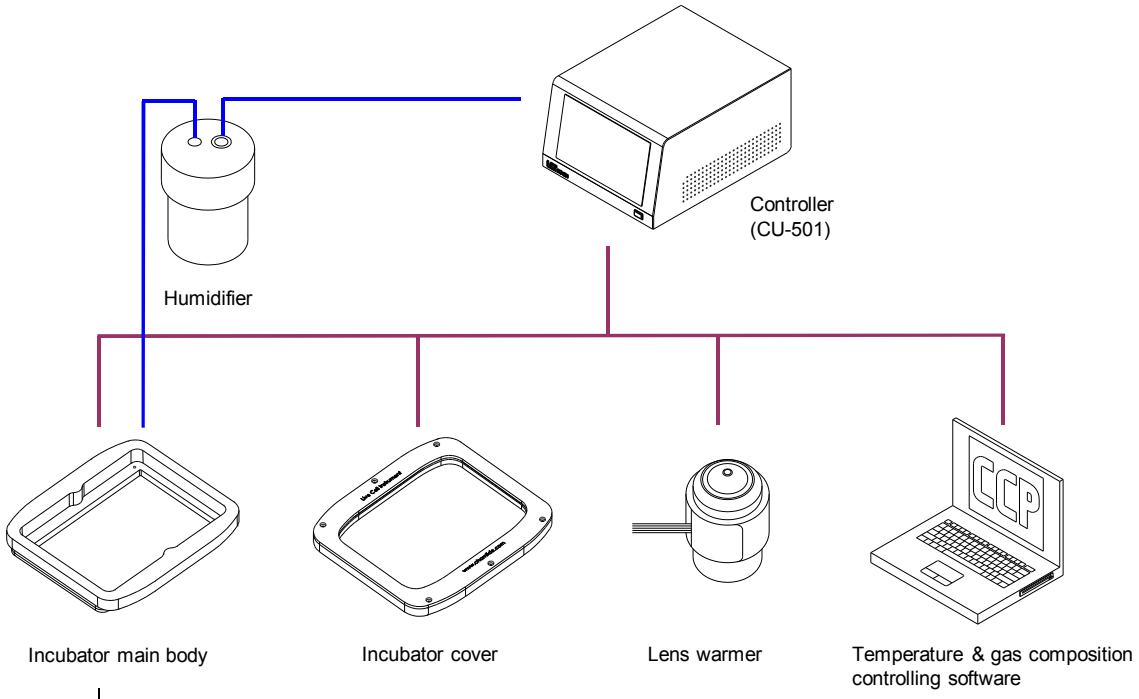
Chamlide TC-W

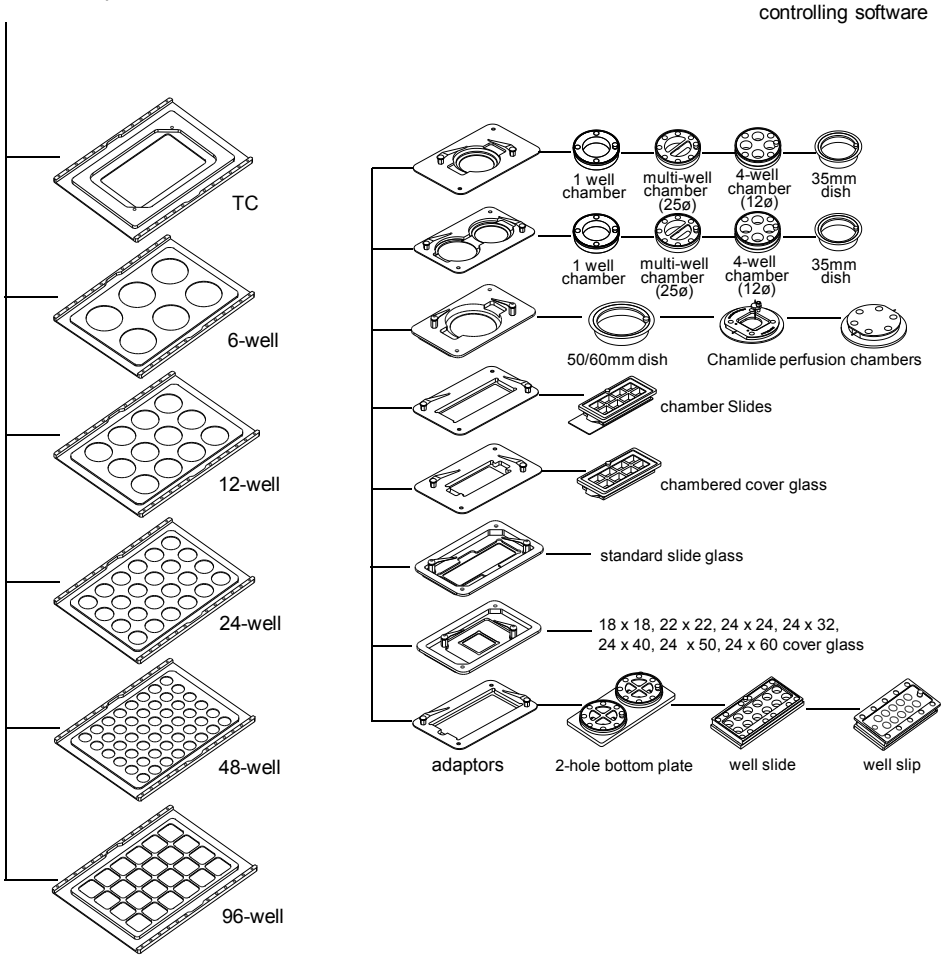
Incubator System for Various Types of Chambers and Well Plates

- Easy and fast exchange of the plate by magnetic force.
- Any types of commercial well plates are usable.
- All adaptors for a standard TC are usable.
- 8 types of adaptors are usable.
- Able to use with most microscope stages.
- Able to use with various Chamlide magnetic chambers, commercial culture dishes, and commercial well plates.
- CU-501 regulates the temperature of the incubator main body, incubator cover, humidifier, and lens warmer.
- CU-501 adjusts the flow rate of the mixed CO_2 gas by flow meter.
- Glass incubator cover is coated by heating element.
- Optimum mixed gas provided to all incubator systems with FC-5N or FC-9.
  (e.g. Chamlide TC, WP, and IC instead of pre-mixed 5% CO_2/ 95% air gas)
- In/out ports without opening the incubator cover using CM-B-PA, CM-B-PB.
  (e.g. perfusion, injection of liquids, drugs: see page 42)
- Able to control the temperature, gas concentration, and to program the temperature and the gas concentration gradients.
- Able to record the temperature and gas concentration over time using CCP ver.7 software or MetaMorph software.

Specification

Temperature range	Ambient +3℃ ~ +45℃	
Recommended 5% CO_2 / 95% Air flow rate	100 ml/ min	
Incubator physical dimension (mm)	Cover	164.9 (W) x 134 (D) x 11 (H)
	Main body	160.0 (W) x 130 (D) x 14 (H)
	(insert part)	(160 x 110, universal K insert size)
Heating method	Cover	invisible coating heater
	Main body	thin layer heater
	Humidifier	cartridge heater
	Lens warmer	thin layer heater
Sensor	PT 100 ohm	
Incubator material	Black anodized aluminum alloy	





Model No.	**Product**
TC-W-10	Chamlide TC-W-10

Chamlide TC Series for Piezo Stage

Incubator System for Piezo Z-stage

Chamlide TC-A (Chamlide TC for ASI or LUDL Piezo Z-stage)
Chamlide TC-N (Chamlide TC for Nikon Piezo Z-stage)
Universal K Insert Size

- TC-A is able to use with an Applied Scientific Instrumentation (ASI) or LUDL Electronic Piezo Z-stages.
- The exterior dimensions of the incubator are the same as universal mounting frame K.
- The weight of the incubator body including the adaptor and chamber(s) does not exceed 500g.
- Other functions and features are the same as the standard type Chamlide TC.
- Chamlide TC-N is used with Nikon Piezo Z-stages.
- Chamlide TC-N has different fixing holes but other shapes are the same with Chamlide TC-A .

Incubator physical dimension (mm)	160 (W) x 110 x 28.5 (H), universal K insert size
Incubator material	Black polycarbonate, black anodized aluminum alloy

Chamlide TC-L Commercial Well Plate Size
(Chamlide TC for Piezo Z-stage,Thorlabs Piezo Z-stage, PI Piezo Z-stage Madcity Lab Nano Stage) Commercial Well Plate Size

- Chamlide TC-L is for the Piezo Z-stage with the well plate size insert.
- The exterior dimensions of the incubator are the same as those of commercial well plates.
- The weight of the incubator body including the adaptor and chamber(s) does not exceed 500g.
- Other functions and features are the same as the standard type Chamlide TC.

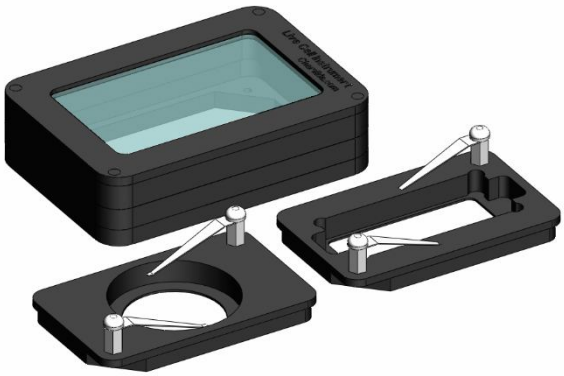
Incubator physical dimension (mm)	128 (W) x 86 (D) x 23.0 (H), commercial well plate size
Incubator material	Black polycarbonate, black anodized aluminum alloy

Chamlide TC-G (Chamlide TC for Leica Z-Galvo, Nikon Piezo Z-stage)

- Chamlide TC-G is for use with a Z-Galvo stage.
- The weight of the incubator body including the adaptor and chamber(s) does not exceed 200g.
- Other functions and features are the same as the standard type Chamlide TC.

Incubator physical dimension (mm)	136.0 mm (W) x 90.0 (D) x 23.0 (H)
Incubator material	Black polycarbonate, black anodized aluminum alloy

Chamlide TC-P (Chamlide TC for Prior, PI Piezo Z-stage, Mad City Labs Nano Stage)



- Chamlide TC-P is for use with a Prior Scientific Piezo Z-stage or small size Z-galvo stage.
- This incubator is only for a 35mm dish type magnetic chamber or dish and a chambered cover glass. (There are two kinds of TC adaptors).
- The weight of the incubator body including a chamber does not exceed 200g.
- Other functions and features are the same as the standard type Chamlide TC.

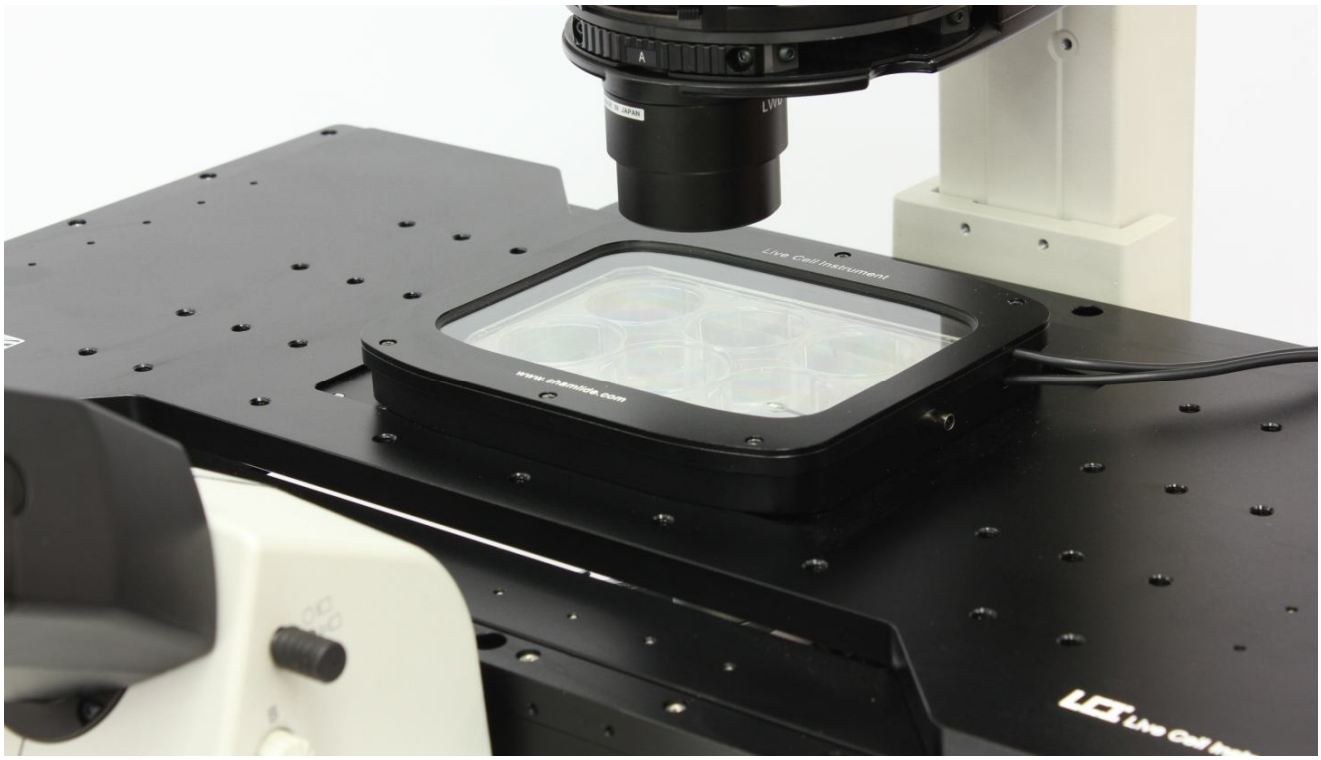
Incubator physical dimension (mm)	92.5 (W) x 65.0 (D) x 23.0 (H)
Incubator material	Black polycarbonate, black anodized aluminum alloy

Model No.	**Product**
TC-L-20	Chamlide TC-A (Chamlide TC for ASI or LUDL Piezo Z-stage)
TC-L-30	Chamlide TC-L (Chamlide TC for Piezo Z-stage, well plate size)
TC-L-40	Chamlide TC-P (Chamlide TC for prior or Leica Piezo Z-stage)
TC-L-50	Chamlide TC-G (Chamlide TC for Z-Galvo stage)
TC-L-60	Chamlide TC-N (Chamlide TC for Nikon Piezo Z-stage)
TC-L-XX	Chamlide TC-X (Chamlide TC for other stage)

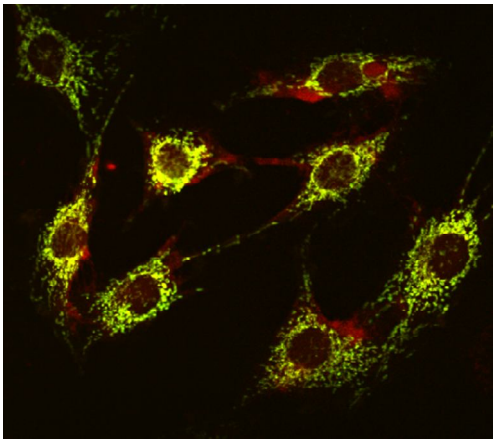
- **Chamlide TC of any sizes or shapes for various Piezo Z-stage are customizable upon request.**

Chamlide WP

Incubator System for Commercial Well Plates & Chamlide Chambers



- Best for high throughput screening (HTS) during live cell imaging.
- Usable with any microscope stage. (The Chamlide WP requires a stage adaptor depending on the stage type.)
- Designed to fit the microscope stage with universal mounting frame K (e.g. Zeiss standard stage or most of the XY-motorized stages).
- CU-501 controls the temperature of the incubator main body, incubator cover, humidifier, and lens warmer and adjust the flow rate of the mixed CO_2 gas by the flow meter.
- Incubator cover of Chamlide WP made by clear glass which is coated heating element.
- FC-5N or FC-9 can provide optimum mixed gas to all incubator systems (e.g. Chamlide TC, WP, and IC).
- Chamlide WP can accept various commercial plastic-bottom or coverslip-bottom well plates (6, 12, 24, 48 or 96-well plates) as well as Chamlide PT, Chamlide MB or Chamlide MD. (see page 47, 61 and 62).
- Chamlide WP includes special glass covers for disposable well plates to maintain humidity and provide excellent transmission for imaging.
- Able to control the temperature and gas concentration, and to program the temperature and the gas concentration gradients.
- Able to record the temperature and gas concentration over time using CCP ver.7 software or MetaMorph software.

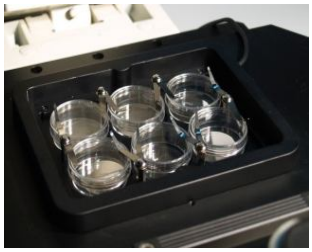


Various Chambers in the Chamlide WP for 6-Well Plate

commercial 6-well plate

Chamlide PT
(Well plate type magnetic chamber)

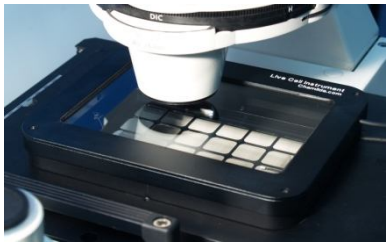
Chamlide MB
(6-hole bottom plate)



Chamlide MD
(6-dish holder)

- Usable with commercial well plates, Chamlide PT (well plate type magnetic chamber), six commercial 35mm culture dishes, six Chamlide magnetic chambers with the respective adaptors (Chamlide MD or MB).
- Chamlide PT/ MB/ WP, which can perfuse the fresh medium or inject some drugs, are customizable upon user's request.

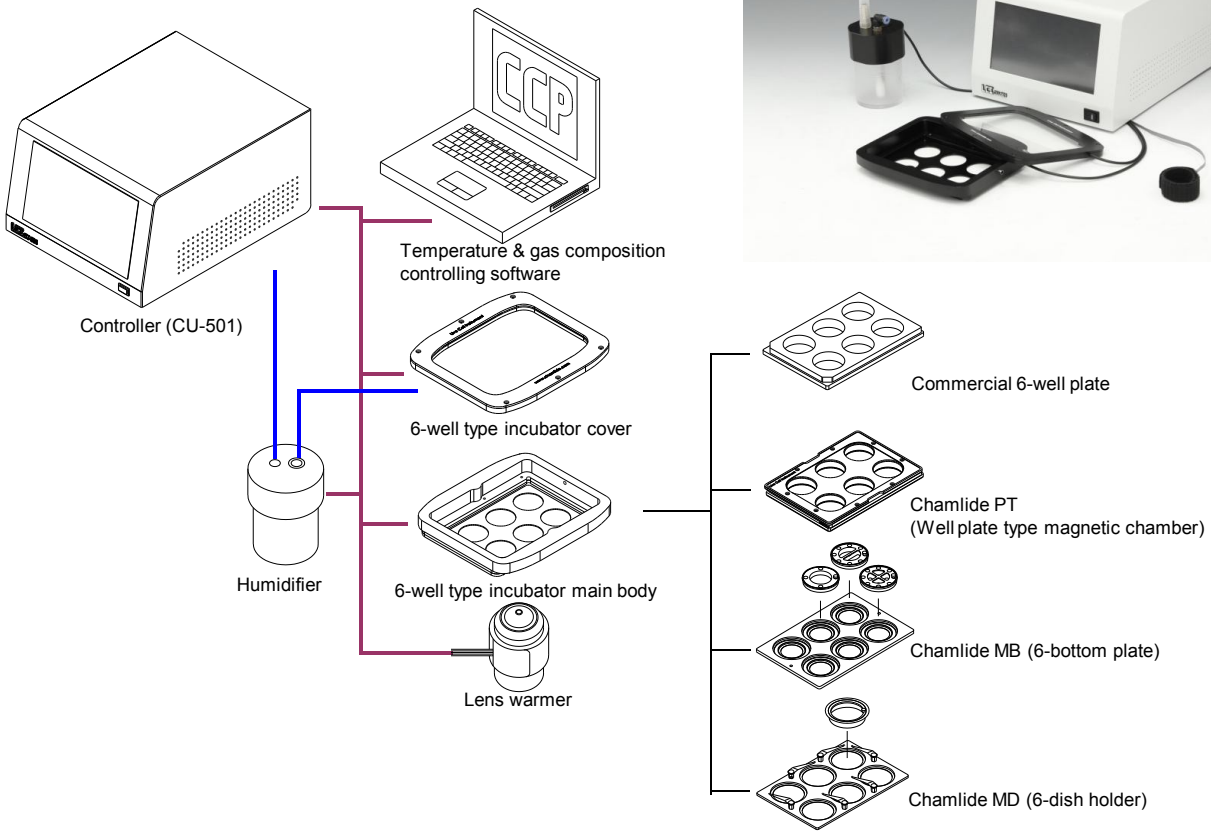
Chamlide WP for 96-Well Plate

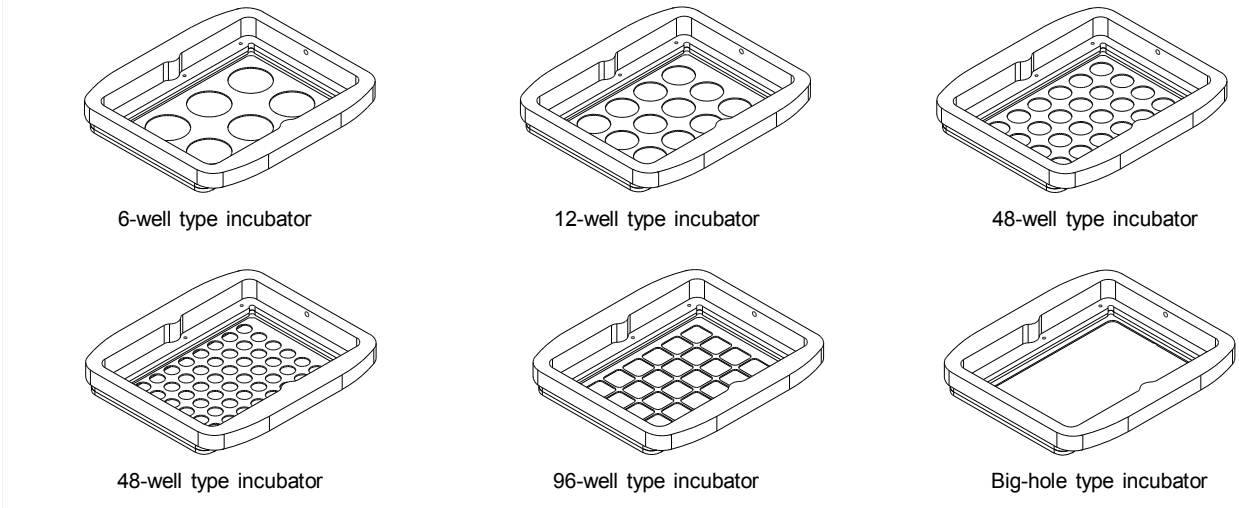


- Chamlide WP for 96-well plate to surround every 4-single well for easy approach of the objective lens. It makes high resolution images possible.
- Able to provide 1 big hole for easy movement of the high resolution objective lens.

Specifications

Temperature range	Ambient +3℃ ~ +45℃	
Recommended 5% CO_2 / 95% Air flow rate	100 ml/ min	
Incubator physical dimension (mm)	Cover	164 (W) x 134 (D) x 10 (H)
	Main body	160 (W) x 130 (D) x 21 (H)
	(insert part)	(160 x 110, universal K insert size)
Heating method	Cover	transparent coated heater
	Main body	thin layer heater
	Humidifier	cartridge heater
	Lens warmer	thin layer heater
Sensor	PT 100 ohm	
Incubator material	Black anodized aluminum alloy	





Model No.	Product
WP-S-10A	Chamlide WP for 6-well plate
WP-S-10B	Chamlide WP for 12-well plate
WP-S-10C	Chamlide WP for 24-well plate
WP-S-10D	Chamlide WP for 48-well plate
WP-S-10E	Chamlide WP for 96-well plate
WP-S-10F	Chamlide WP (1 big hole type)

Chamlide WP for Piezo Z-stage

Incubator System for Piezo Z-stage

Chamlide WP-A (Chamlide WP for ASI or LUDL Piezo Z-stage)
Universal K Insert Size

- Chamlide WP-A is used with an Applied Scientific Instrumentation (ASI) or LUDL Piezo Z-stages.
- The weight of the incubator body including chambers does not exceed 500g.
- Other functions and features are the same as the standard type Chamlide WP.
- The exterior dimensions of the incubator are the same as universal mounting frame K.

Incubator physical dimension (mm)	160 (W) x 110 (D) x 28.5 (H), universal K insert size.
Incubator material	Black polycarbonate, black anodized aluminum alloy

Model No.	Product
WP-S-20A	Chamlide WP-A for 6-well plate
WP-S-20B	Chamlide WP-A for 12-well plate
WP-S-20C	Chamlide WP-A for 24-well plate
WP-S-20D	Chamlide WP-A for 48-well plate
WP-S-20E	Chamlide WP-A for 96-well plate
WP-S-20F	Chamlide WP-A (one big hole type)

Chamlide TC-ST & WP-ST

Incubator System for Stereo Microscope

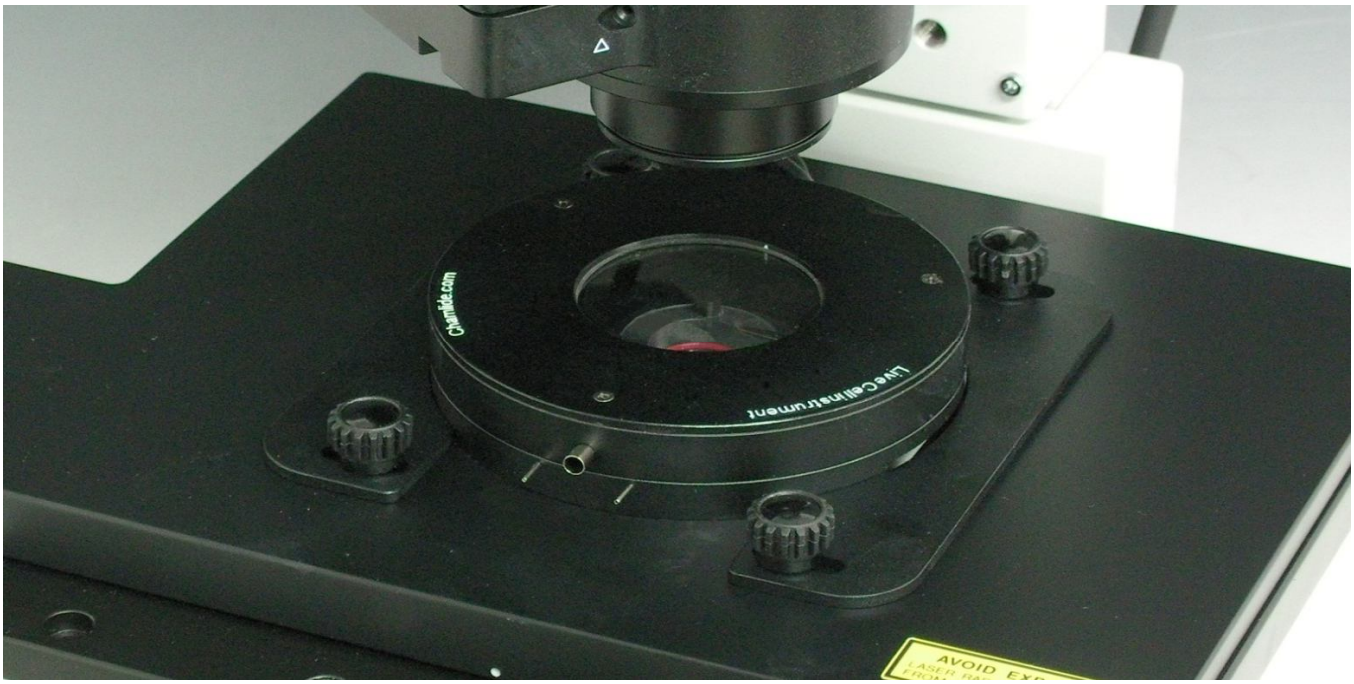
- Every concept is the same as standard TC and WP system except the cover heating method.
- For perfect fluorescence imaging, the cover is used with a thin layered line heater and a clear glass
- A thin layered line heater is located in the blur area.

Model No.	Product
TC-ST-10	Chamlide TC for stereo microscope

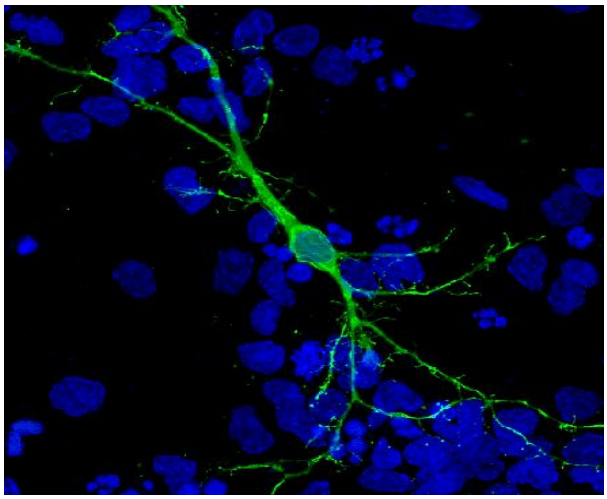
Model No.	Product
WP-ST-10 (A,B,C,D,E)	Chamlide WP-A for the stereo microscope (6/ 12/ 24/ 48/ 96-well plate type)

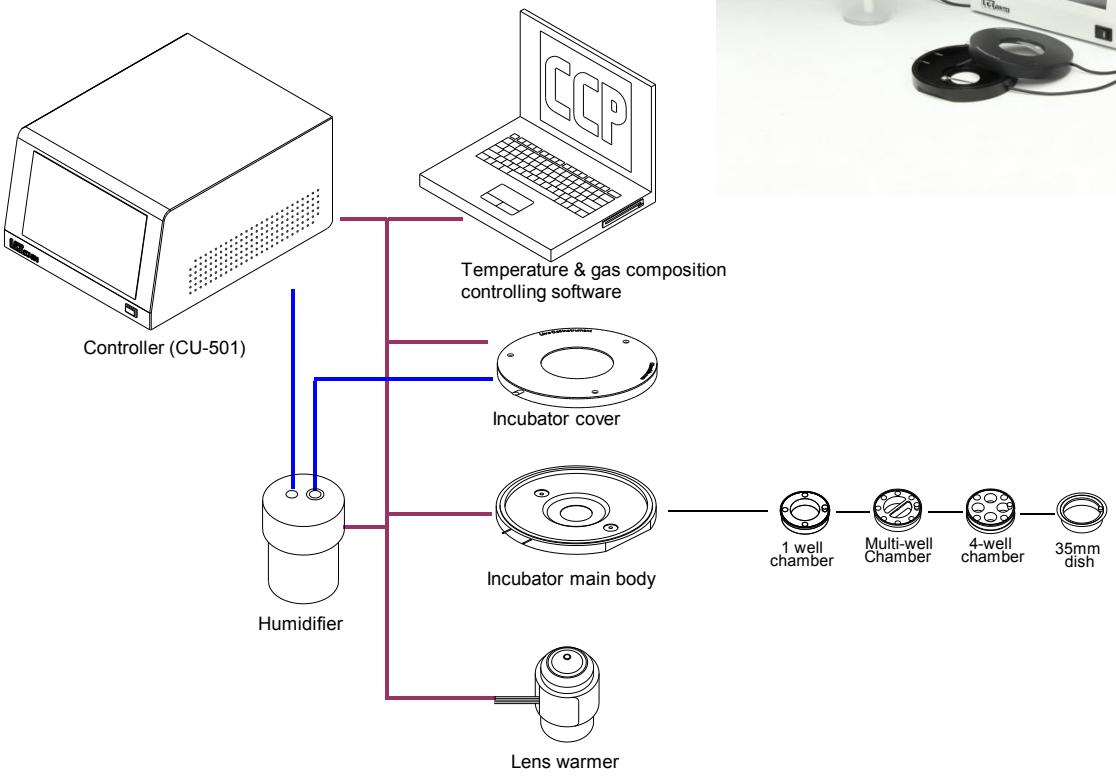
Chamlide IC

Incubator System for Commercial 35mm Dishes & Chamlide chambers



- Designed to fit microscope stages with a round hole to insert (e.g. Olympus (110 mm) and Nikon (108 mm) standard manual stages).
- CU-501 controls the temperature of the incubator main body, incubator cover, humidifier, and lens warmer and adjust the flow rate of the mixed CO_2 gas with a flow meter.
- Incubator cover is made of clear glass which is coated with the heating element.
- FC-5N or FC-9 provide optimum mixed gas to all incubator systems (e.g. Chamlide TC, WP, and IC).
- Usable with various Chamlide chambers or consumable 35mm culture dishes.
- Special glass cover for disposable 35mm dishes to maintain humidity and provide excellent transmission for imaging.
- Able to control temperature and gas concentration, and to program the temperature and gas concentration gradients.
- Able to record the temperature and gas concentration over time with CCP ver.7 software or MetaMorph software.
- Available with in/out ports for perfusion or injection of liquids or drugs without opening the incubator cover. (with CM-B-PA, CM-B-PB, see page 42)





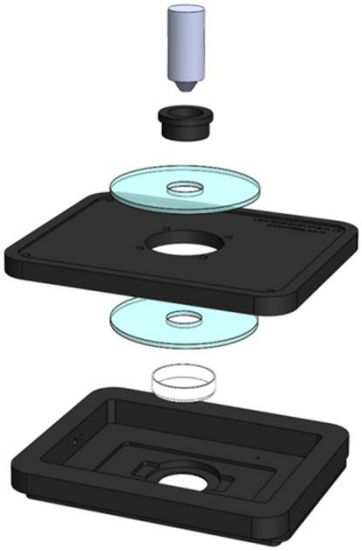
Specifications

Temperature range	Ambient +3℃ ~ +45℃	
Recommended 5% CO_2/95% air flow rate	100 ml /min	
Incubator physical dimension (mm)	Cover	110ø x 12
	Main body	110ø x 15 (for Olympus)
		108ø x 15 (for Nikon)
Heating method	Cover	invisible coating heater
	Main body	thin layer heater
	Humidifier	cartridge heater
	Lens warmer	thin layer heater
Sensor	PT 100 ohm	
Incubator material	Black anodized aluminum alloy	

Model No.	**Product**
IC-L-10	Chamlide IC

Chamlide UM

Incubator System for Upright Microscope



- An incubator system with upright microscopes to provide the capability of performing live cell imaging for long term.
- Lens rings are provided to fit all types of objectives including high-resolution immersion lenses.
- Usable with the most standard microscope stages depending on the stage type. (The Chamlide UM may require an incubator holder).
- Designed to fit stages with the universal mounting frame K (e.g. Zeiss standard stage or most XY-motorized stages).
- The rings fit around the objective lens for the experiment. Easy to install the system.
- Various kinds of sample holders are usable including plastic dishes and patented magnetic chambers.
- Cover rings provided with the system to fit either disposable culture dishes or magnetic chambers to maintain the humidity inside of the chamber.
- Compatible with high-resolution condensers and dark field condensers top on inverted microscopes.
- FC-5N or FC-9 are attachable to provide defined concentrations of CO_2 and O_2.
- Able to program the temperature gradients and to record gas concentrations and temperatures over time.

Specifications

Temperature range	Ambient +3℃ ~ +45℃	
Recommended 5% CO_2 / 95% Air flow rate	100 ml/ min	
Incubator physical dimension (mm)	Cover	164.9 (W) x 134 (D) x 11 (H)
	Main body	160.0 (W) x 130 (D) x 14 (H)
	(insert part)	(160 x 110, universal K insert size)
Heating method	Cover	invisible coating heater
	Main body	thin layer heater
	Humidifier	cartridge heater
	Lens warmer	thin layer heater
Sensor	PT 100 ohm	
Incubator material	Black anodized aluminum alloy	

Model No.	Product
UM-L-10	Chamlide UM

Incubator Holder

Stage Adaptors for Chamlide Incubator Systems

- Any types of the incubator holder is customizable to fix the Chamlide incubator system onto any microscopes.

Incubator Holders for Chamlide TC and Chamlide WP

For manual stage of Olympus, Nikon or etc.

For object guide of Leica, Zeiss (instead mounting frame M)

For Nikon Ti motorized stage

Incubator Holders for Chamlide IC

For manual stage of Olympus, Nikon or etc.

For mechanical stage or motorized stage with mounting frame K inserted

For Nikon Ti motorized stage

Specifications

Material	Black anodized aluminum alloy

Model No.	Product
HS-T-10	Olympus manual stage type incubator holder for Chamlide TC
HS-T-20	Nikon manual stage type incubator holder for Chamlide TC
HS-T-30	Leica mounting frame M type incubator holder for Chamlide TC
HS-T-40	Zeiss mounting frame M type incubator holder for Chamlide TC
HS-T-50	Nikon Ti motorized stage type incubator holder for Chamlide TC
HS-T-XX	Other stage type incubator holder for Chamlide TC
HS-W-10	Olympus manual stage type incubator holder for Chamlide WP
HS-W-20	Nikon manual stage type incubator holder for Chamlide WP
HS-W-30	Leica mounting frame M type incubator holder for Chamlide WP
HS-W-40	Zeiss mounting frame M type incubator holder for Chamlide WP

Model No.	Product
HS-W-50	Nikon Ti motorized stage type incubator holder for Chamlide WP
HS-W-XX	Other stage type incubator holder for Chamlide WP
HS-I-10	Olympus manual stage type incubator holder for Chamlide IC
HS-I-20	Nikon manual stage type incubator holder for Chamlide IC
HS-I-30	Leica mounting frame K type incubator holder for Chamlide IC
HS-I-40	Zeiss mounting frame K type incubator holder for Chamlide IC
HS-I-50	Leica mounting frame M type incubator holder for Chamlide IC
HS-I-60	Zeiss mounting frame M type incubator holder for Chamlide IC
HS-I-70	Nikon Ti motorized stage type incubator holder for Chamlide IC
HS-I-XX	Other stage type incubator holder for Chamlide IC

FC-5N

Automatic CO_2/ Air Mixer

- Automatic CO_2 gas mixing and supply system. (Maximum flow rate is 200 ml/min)
- PID control system for precise control of the CO_2 concentration.
- Produces CO_2 / air mixed gas from 100% CO_2 gas cylinder and ambient air.
- Solenoid valve and a reservoir for gas ripening.
- Internal air pump to provide a large flow.
- Able to regulate the concentration, to program the concentration gradients and to record CO_2 concentration over time with CCP ver.7 software or MetaMorph software.
- 3 kinds of the automatic CO_2/ air gas mixer depending on the flow rate

2.5 L/min CO_2 / air mixer

30 L/min CO_2 / air mixer

Specifications	
Sensor	NDIR CO_2 sensor
Control range	1 – 20 % CO_2
Flow rate	Max. 200ml/min, 2.5 L/min, 30 L/min
CO_2 control method	PID, solenoid valve

Model No.	Product
FC-N-10	FC-5N (meter (Automatic CO_2/Air mixer), Max 200 ml/min
FC-HF-30	High flow rate automatic CO_2/Air mixer, Max 2.5 L/min
FC-HF-300	Very high flow rate automatic CO_2/Air mixer, Max 30 L/min

FC-9

Automatic O_2/ CO_2/ N_2 Mixer

- Automatic O_2 / CO_2 / N_2 gas mixing and supply system.
- Dynamic orifice control valve
- Digital flow meter
- A reservoir for gas ripening
- PID control system for the precise control of the O_2 and CO_2 concentrations.
- Internal air pump to make CO_2 /air mixed gas
- Usable 100% O_2 cylinder to control full range of the O_2 levels from 0% to 100% O_2.
- Produces mixed gas from 100% CO_2, 100% O_2 and 100% N_2 gas cylinders

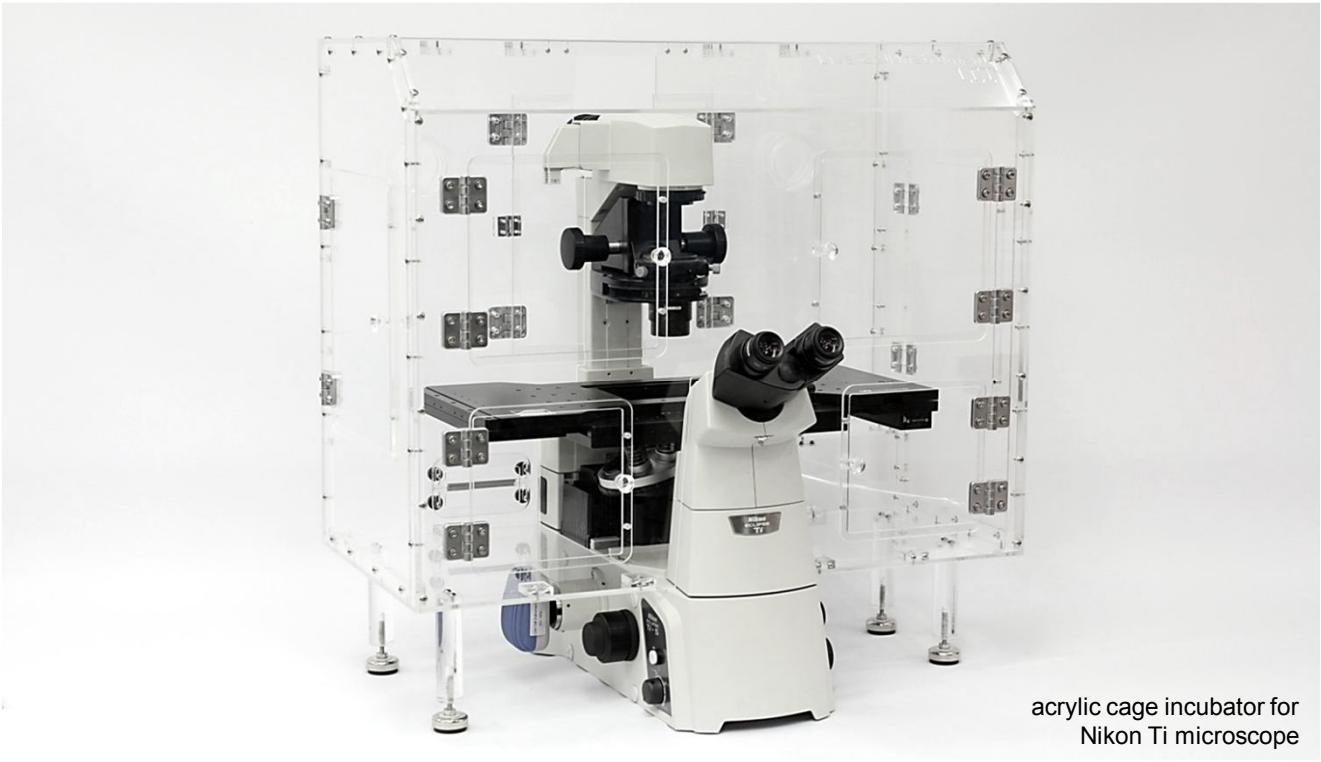
- Produces very low to high concentrations of O_2 mixed gas.
- Able to regulate the concentration, to program concentration gradients and to record the gas concentrations over time with CCP ver.7 software or MetaMorph software.
- FC-9 are customizable and able to adjust the high-flow rate of the mixed gas.

Specifications		
Sensor	O_2	Thermal conductive flow sensor
	N_2	Thermal conductive flow sensor
	CO_2	NDIR CO_2 sensor
Control range	O_2	1 ~99 %
	CO_2	1 ~ 20 %
	Flow rate	Max. 200 ml/min
Control method	O_2	PID, dynamic orifice control valve
	CO_2	PID, solenoid valve
	N_2	PID, dynamic orifice control valve

Model No.	**Product**
FC-R-50	FC-9 (Automatic O_2/CO_2/N_2 mixer)

Chamlide HX

Acrylic Cage Incubator



acrylic cage incubator for
Nikon Ti microscope

- Stage-top incubator provides the perfect environment to control most of the live-cell experiments. Super-resolution microscopy is extremely sensitive to the temperature change should use a cage-incubator.
- Cage-incubator provides the precise and synchronized temperature control of the microscope and other devices.
- CO_2 is controllable with a stage-top incubator.
- Use with a humidifier without heating element to keep the humidity in the cage incubator.
- Able to control the temperature and the gas concentration, and to program the temperature and gas concentration gradients.
- Able to record the temperature and the gas concentration over time with CCP ver.7 software or MetaMorph software.
- Any sizes and shapes are customizable.

Heating Type A

Temperature controller and a warm air blower
Warm air goes into the cage incubator through 2 air tubes from the outlet of blower.

Heating Type B

Temperature controller and 2-fan heater modules
2-fan heater modules are attached to the right and the left of the cage incubator directly.

acrylic cage incubator for
Zeiss Axiovert microscope

Humidifier without heater

Chamlide TC without heater

Specifications

Temperature range	Ambient +3℃ ~ 45℃
CO_2 control	Use premixed gas or FC-5N, FC-9
Incubator physical dimension (mm)	Variable depending on microscope
Heating method	Blower heater or 2- fan heater
humidity	Humidifier without heater
Sensor	Thermo-couple
Incubator material	Acrylic plastic

Model No.	Product
HX-S-10	Chamlide HX for Olympus microscopes
HX-S-20	Chamlide HX for Nikon microscopes
HX-S-30	Chamlide HX for Leica microscopes
HX-S-40	Chamlide HX for Zeiss microscopes
HX-S-XX	Chamlide HX for other microscopes

Heating Plate

Heating Plate for Various Types of Chambers

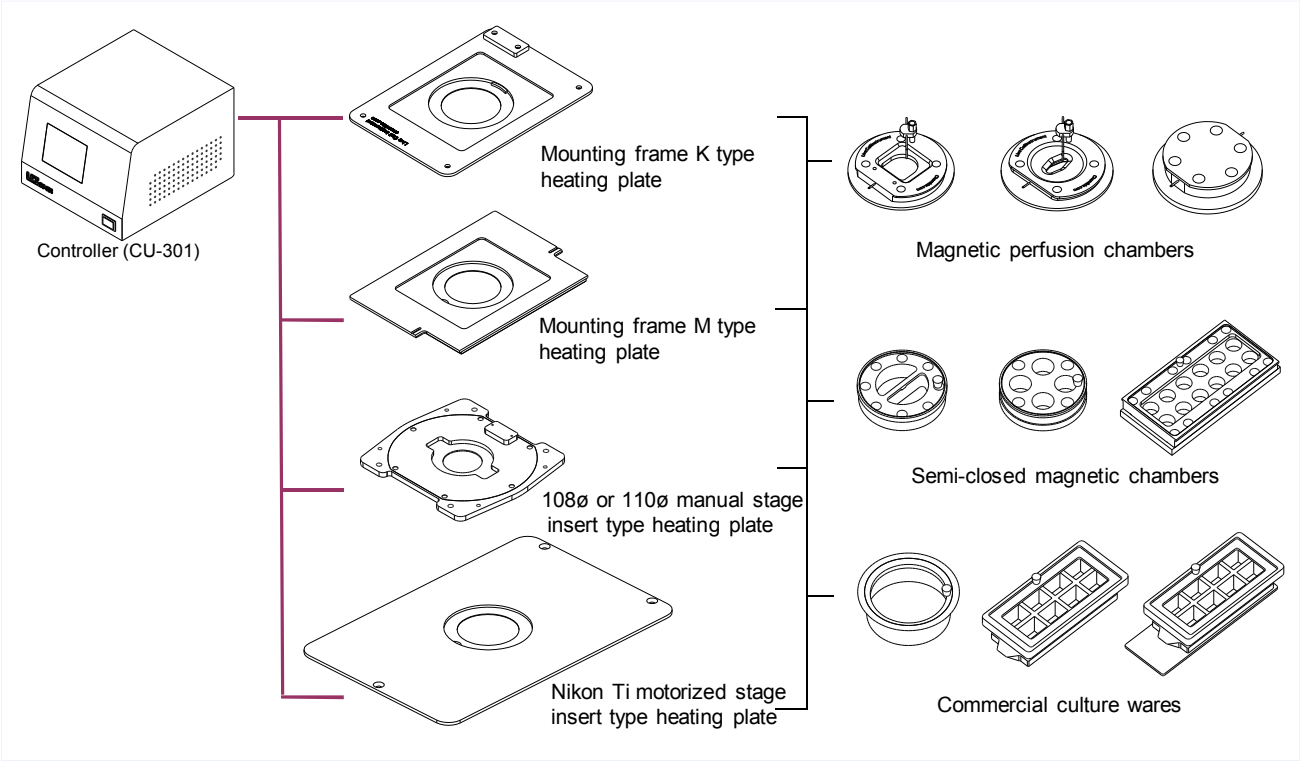
- CU-301 (1 channel temperature controller) with the PID for precise temperature control of the heating plate
- CU-302 (2-channel temperature controller) to control 2 heating plates or an external temperature sensor
- State-of-the-art, ultra-thin thermo-technology (patent pending) to transmit the heat evenly
- Able to regulate the temperature, to program temperature gradients, and to record temperature over time with CCP ver.7 software or MetaMorph software
- Any sizes and/or shapes of the heating plates are customizable upon user's request.

Specifications	
Temperature range	Ambient +3℃ ~ +45℃
Temperature control	PID method
Heating method	Thin layer heater
Sensor	PT 100 ohm
Material	Black anodized aluminum alloy

Heating plate for 50/60 mm dish type or magnetic chamber for Olympus/Nikon manual stage

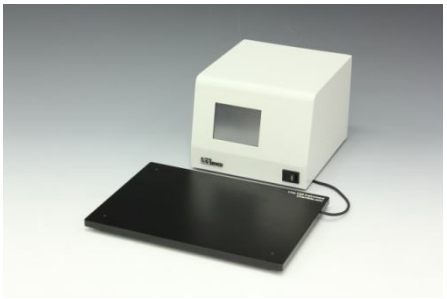
Heating plate for 35mm dish type or magnetic chamber for Zeiss/Leica manual stage, most motorized stage, & universal K insert size

Heating plate for 50/60mm dish type or magnetic chamber for Zeiss/Leica manual stage or most motorized stage, & universal K insert size



Model No.	Product		
HP-R-10	Olympus manual stage type heating plate	HP-R-60	Zeiss mounting frame M type heating plate
HP-R-20	Nikon manual stage type heating plate	HP-R-70	Nikon Ti motorized stage type heating plate
HP-R-30	Leica mounting frame K type heating plate	HP-R-80	ASI, LUDL piezo Z-stage type heating plate
HP-R-40	Zeiss mounting frame K type heating plate	HP-R-90	Well plate size heating plate
HP-R-50	Leica mounting frame M type heating plate	HP-R-XX	Other type heating plate

Pre-Heating Plate



- Uniform temperature around the surface of the plate
- PID control system for precise temperature
- Various sizes are available

Specifications

Pre-heating plate dimension (mm)	210 (W) x 160 (D) x 15 (H) (standard size)
Temperature range	Ambient +3℃ ~ 45℃

Model No.	Product
PH-S-10	Pre-heating plate

Heating Glass

Heating Glass for Various Types of Chambers

universal K type

round type

- CU-301 (1 channel temperature controller) with the PID for precise temperature control of the heating glass.
- CU-302 (2 channel-temperature controller) to control 2 heating plates or an external temperature sensor.
- Glass heater is suitable with the upright microscope.
- Able to regulate the temperature, and to program the temperature gradients and to record temperature over time with CCP ver.7 software or MetaMorph software.
- Any sizes and/or shapes of the heating glass are customizable upon user's request.

table type for the stereo microscope with height adjustable legs

Specifications

Temperature range	Ambient +3℃ ~ +45℃
Temperature control	PID method
Heating method	Glass heater
Sensor	PT 100 ohm
Material	Black anodized aluminum alloy

Model No.	Product
HG-S-10	Olympus manual stage type heating glass
HG-S-20	Nikon manual stage type heating glass
HG-S-30	Leica mounting frame K type heating glass
HG-S-40	Zeiss mounting frame K type heating glass
HG-S-50	Leica mounting frame M type heating glass
HG-S-60	Zeiss mounting frame M type heating glass
HG-S-70	Nikon Ti motorized stage type heating glass
HG-S-80	ASI, LUDL piezo Z-stage type heating glass
HG-S-90	Well plate size heating glass
HG-C-XX	Heating glass cover
HG-T-XX	Table type heating glass
HG-S-XX	Other type heating glass

customized heating glass cover and base

- cover to control temperature precisely and keep CO_2 gas composition inside
- controlled by CU-302(2 channel-controller).

Chamlide CH

Cooling/ Heating Plate for Various Types of Chambers

- Accurate temperature control from 4℃ to 70℃.
- Rapid changes of the temperature setting
- PID controller for precise temperature control
- Cooling and heating are accomplished by Peltier device.
- Cooling fan effectively dissipates heat from the system.
- Peltier device removes the heat with the circulating water radiator.
- Changeable heating and cooling rates depending on the chambers and/or the media
- Inline cooling/ heating fluidic controller are for perfusion.
- Able to program temperature gradients and to record temperatures over time with CCP ver. 7. software or MetaMorph software
- Any sizes or shapes of the cooling/ heating plates are customizable upon user's request.

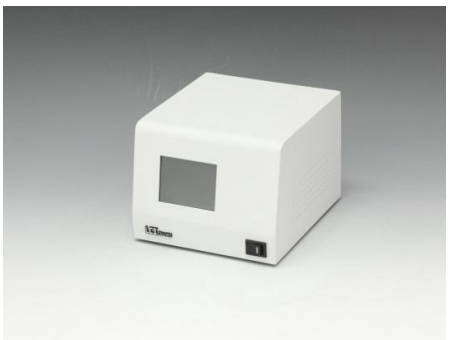
Specifications

Temperature range	Cooling fan 15℃ ~ 80℃ Radiator 5℃ ~ 80 ℃
Temperature control	PID method
Cooling/heating method	Peltier
Sensor	PT 100 ohm
Material	Black anodized aluminum alloy, polycarbonate

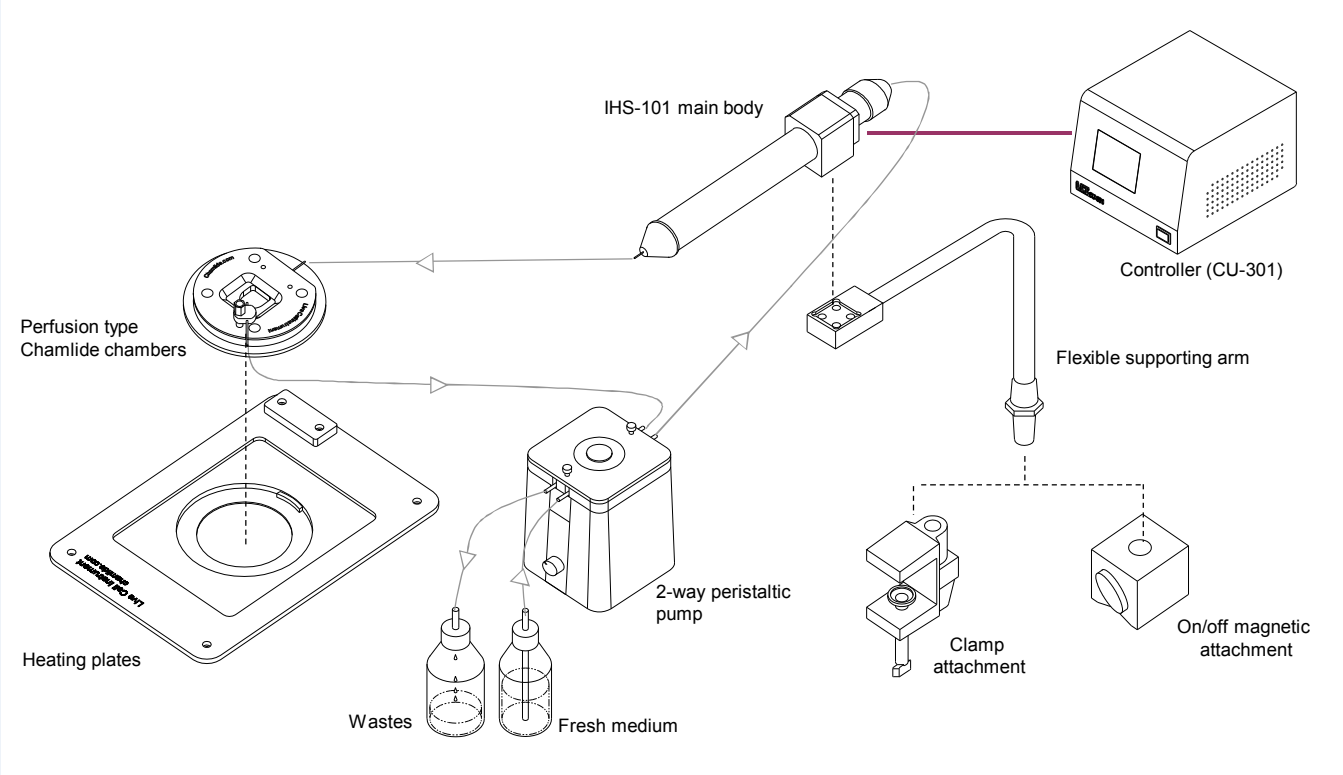
Model No.	**Product**
CH-R-10	Cooling fan type cooling/heating plate
CH-R-20	Radiator type cooling/heating plate

IHS-101

Fluidic Inline Heater



- Very simple and effective in-line solution heating to warm perfusion solutions.
- Minimal dead volume of 150 ㎕.
- Magnetic system connects the body of HIS-101 to the supporting arm which is flexible for easy installation on the microscope.
- Attachable supporting arm either directly to the microscope or to elsewhere with a clamp or an on/off magnetic attachment.
- CU-301 with the PID system for the precise temperature control of the medium to flow directly into the chamber.
- Able to regulate the temperature, and to program the temperature gradients and to record the temperature over time with CCP ver.7 software or MetaMorph software.



Perfusion Experiment

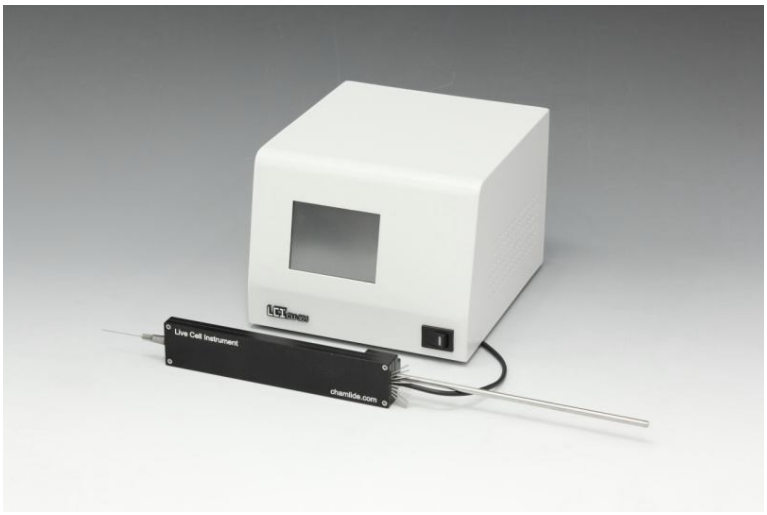
Specifications

Internal dead volume	150 ㎕
Inlet/outlet tubing size	O.D 1.1mm, ID 0.7mm
Heating method	Cartridge heater
Temperature range	Ambient +3℃ ~ +45℃
Inline heater dimension	20 mm ø x 139 mm
Supporting arm length	500 mm
Inline heater main body material	Main body acetal component and aluminum alloy Supporting arm steel stainless, plastic or on/off magnet

Model No.	**Product**
IL-H-10	IHS-101 (Fluidic inline heater)

IHS-801

8-Channel Fluidic Inline Heater



- Able to apply 8 different solutions to the cells.
- Combined with X-Y-Z micromanipulator, movable outlet of IHS-801 close to the cells. (option)
- Other functions are the same as the IHS-101.
- CU-301 controller with the PID system for precise temperature control of the medium to flow directly into the chamber.
- Able to regulate the temperature, and to program the temperature gradients and to record the temp-rature over time with CCP ver.7 software or MetaMorph software.

Outlet needle (different sizes)

8 channels connected to the end of the outlet to minimize the dead volume during solution change

Specifications

Internal dead volume	35㎕ /each tubing
Tubing size	OD 1.1mm
Heating method	Cartridge heater
Temperature range	Ambient +3℃ ~ +45℃
Inline heater dimension	20mm (W) X 20mm (D) X 100mm (L) without pole
Inline heater material	Acetal component and aluminum alloy

Model No.	**Product**
IL-H-80	IHS-801 (8 channel-fluidic inline heater)

IHC-101

Fluidic Inline Solution Cooler & Heater

- Very simple and effective of cooling and warming perfusion solutions
- Minimal dead volume is 150 ㎕.
- Solutions are adjustable from low to high temperatures quickly.
- Cooling and heating is accomplished by Peltier device.
- Peltier device generates the heat and a cooling fan dissipates the heat.
- Radiator removes the temperature below 15℃, generated by the Peltier device, with circulating water.
- Usable with a cooling/ heating plate
- Customizable designs upon the request
- The controller with the PID system for the precise temperature control of the medium to flow directly into the chamber
- Able to program the temperature gradients and to record the temperature over time with CCP ver. 7 software or MetaMorph software

Specifications

Temperature range	Cooling fan 15℃ ~ 45℃ Radiator 5℃ ~ 45℃
Temperature control	PID method
Cooling/heating method	Peltier
Sensor	PT 100 ohm
Material	Black anodized aluminum alloy, polycarbonate

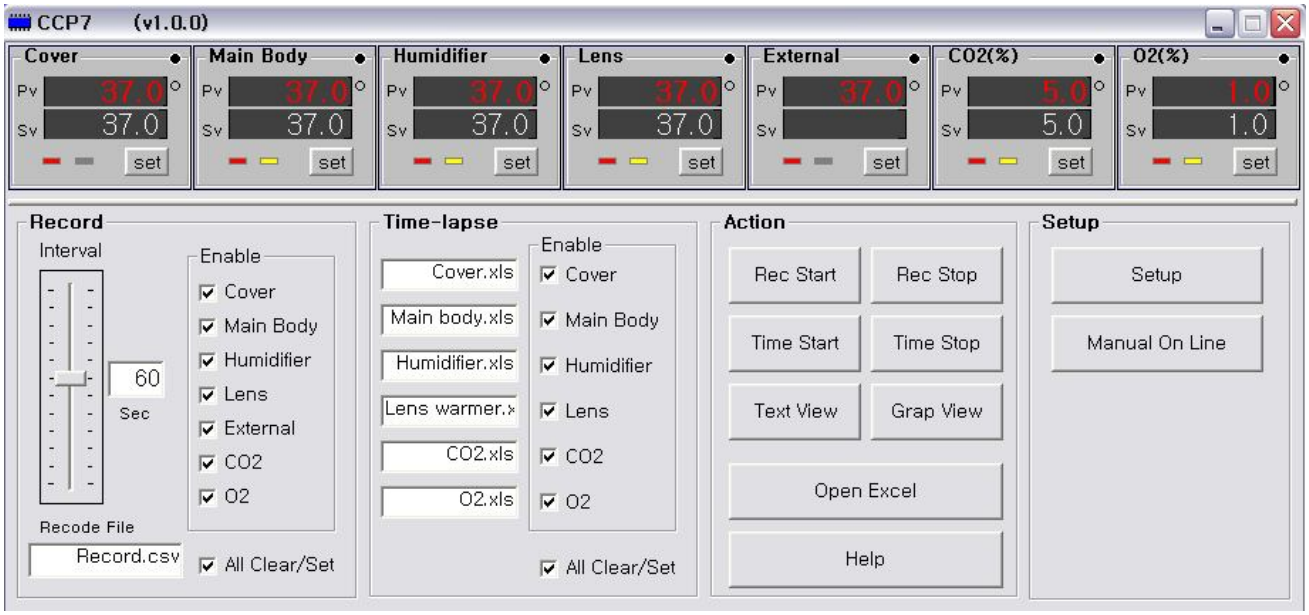
Model No.	**Product**
IHC-R-10	Cooling fan type Fluidic inline solution cooler/heater
IHC-R-20	Radiator type Fluidic inline solution cooler/heater

CCP ver. 7

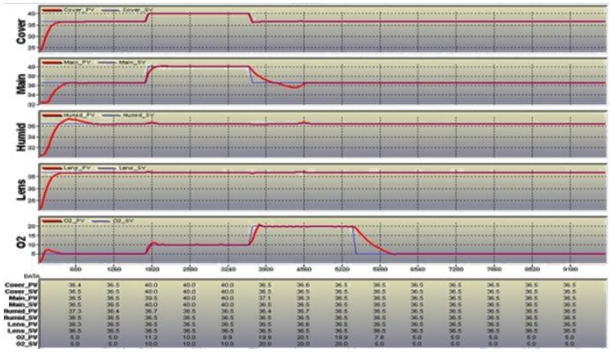
Chamlide Temperature & Gas Composition Controlling Program

Able to use with the Chamlide TC, Chamlide IC, Chamlide WP, IHS-101 (inline heater), heating plate, pre-heating plate, and FC-5N and FC-9.

- **Control the temperature and/or CO2 / O2 level**
  CCP ver.7 to control all heater temperatures connected to the controller, and to control concentration of CO2 or O2 gases by clicking the “set” button.
- **Adjust the temperature gradient and record the temperature over time**
  CCP ver.7 to monitor all actual temperatures and gas levels and conveniently to program to adjust any temperature or gas concentration gradients over time.
- **View temperature/gas concentration data over time**
  CCP ver.7 provides a graph to show the saved files that generates tangible data confirming stable temperatures and gas concentrations over time.

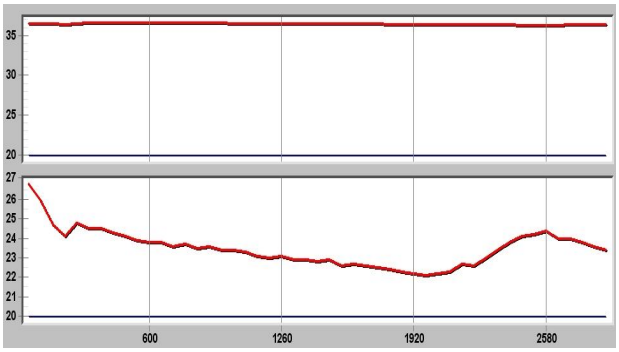


CCP Main Window



temperature and gas concentration gradient controlled by time-lapse

Red line actual value
Blue line set value

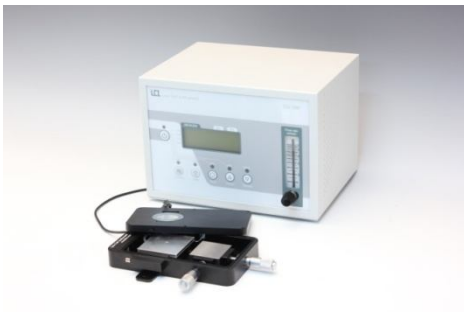


media temperature in the incubator with ambient temperature (48hrs)

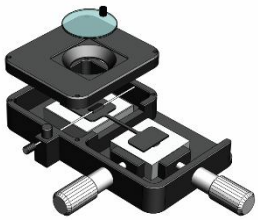
Upper media temperature
Lower ambient temperature

Chamlide TR

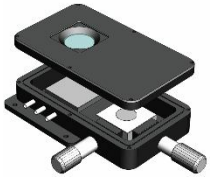
Temperature Ramping Control System (TRCS)



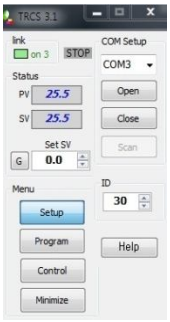
- Dynamic temperature control.
- Programmable temperature gradient.
- Fit to any type of microscopes.
- Various types and shapes of heating stages are available.
- Magnetic XY micro movement stage for the sample.
- 300℃ is the standard (500℃ is optional).
- Control program is essential for the temperature ramping system.



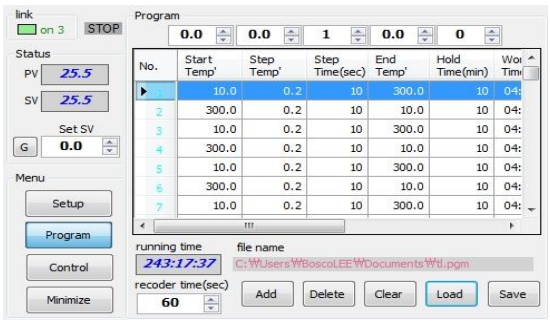
Heating stage with pushing bars to spread the sample solution



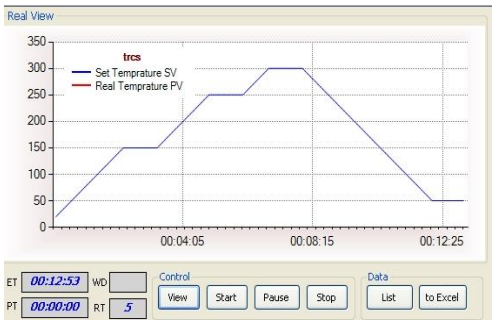
Gas heating stage with inlet/outlet port to apply gas



main window



program window to set the value



set temperature value & real temperature value in the window

- TRCS version 3.1 provides excellent and easy environment to control the system.
- Ramping temperature is controlled in every second to obtain desired temperature and rate.
- Able to set the desired temperature and rate in the program, which automatically presents in a new window.
- Real temperature value with set temperature value to observe the progress of the experiment conveniently.
- Able to save and to export all data to Excel.

Specifications

Temperature range	Ambient +3℃ ~ +300℃ (TR-H-30)
	Ambient +3℃ ~ +500℃ (TR-H-50)
Material	Steel, Black anodized aluminum
Stage movement	10mm to XY axis

Model No.	Product
TR-H-30	TR heating stage for microscope (Max temp 300℃)
TR-H-50	TR heating stage for microscope (Max temp 500℃)

Chamlide CP

Water Circulation Incubator with Water Circulation Bath

- Temperature of the water circulation bath is controllable with CCP program.
- Water circulation incubator, water circulation bath, and temperature controller are the standard option.
- Water circulation lens winder to prevent heat dissipation
- Water circulation plate/ cover/ lens winder can separately be provided with a water circulation bath.
- Water circulation incubator is to control low to high temperature for Chamlide magnetic chambers (e.g. Chamlide AC, EC, CF or commercial culture dishes).
- Water circulation incubator should be used with a circulation water bath to control the temperature of the chamber and to adjust the temperature.
- Any size of water circulation plate are customizable to fit all microscope stages.

Water circulation incubator (plate, cover, and adaptors)

Water circulation lens winder

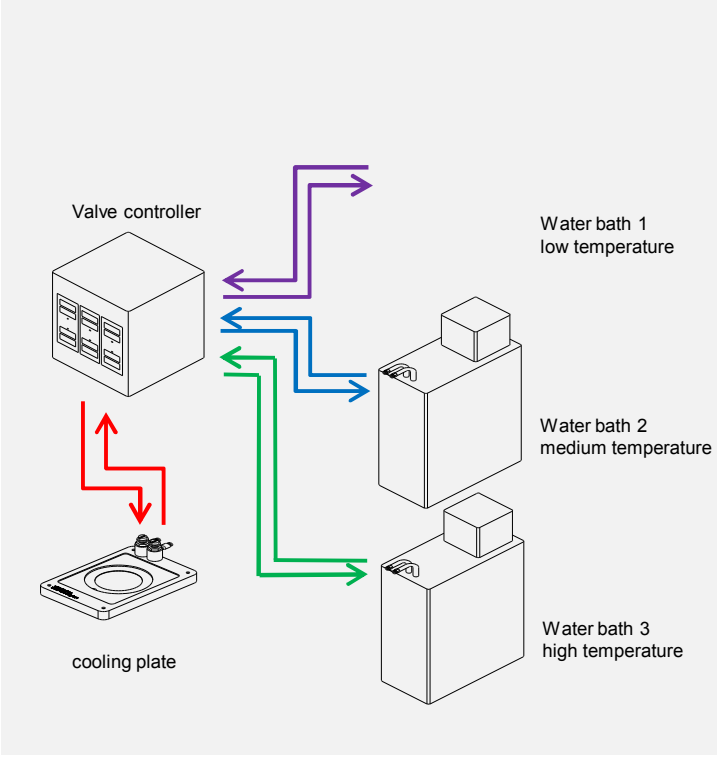
Model No.	Product
CP-R-10	Water circulation plate
CP-C-10	Water circulation cover
CP-L-10	Water circulation lens winder
CP-W-10	Water circulation bath (control temp. - 20 ~ 100℃)

VC-3

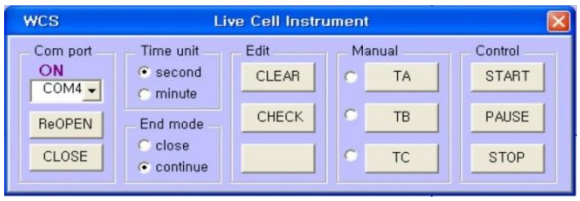
Valve Controller for 3 Water Circulation Baths

Water circulation plate with 3-channel valve system

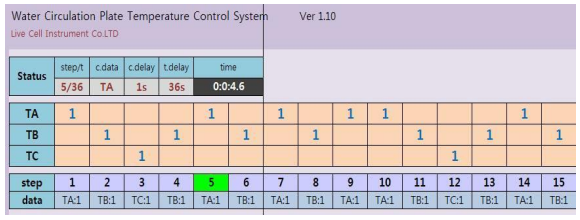
- Most effective way to use water circulation baths is to set different temperatures and circulate water to the valve system.
- For immediate temperature change, flow the water from a the bath of the desired temperature to the water circulation plate.



Rapid temperature change experiment



Valve control program



Program windows to show user-programmable sequence of the valve control

Model No.	**Product**
VC-R-3	Valve controller for 3 water circulation baths

In Vivo Imaging Stage System

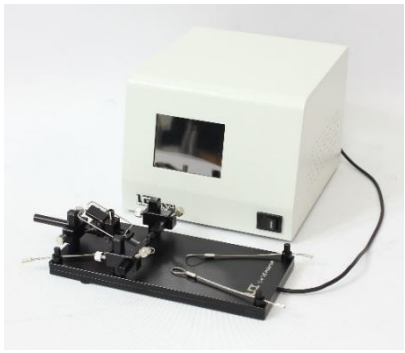
Mouse and Rat In Vivo Imaging Stage for Upright Microscope

- Microscope plate to stabilize the animal during the experiment.
- Our motorized stage fit to all upright microscopes.
- Observation are a is movable with a joystick in micro-level.
- Height is adjustable by 2 hand-knobs depending on an animal size.
- Controllable with software to acquire multi-positional image.

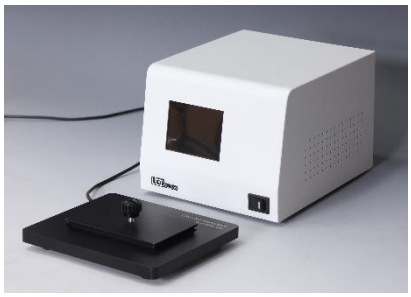
Model No.	Product
US-M-10	Motorized stage for animal-experimental upright microscope

Heating Plate with Traditional Stereotaxic Fixation

- A heating plate to maintain the body temperature of the animal.
- Traditional stereotaxic device with ear bars and a tooth holder
- Tooth holder parts of the heating plate contains an anesthesia mask adaptor that connects to anesthesia tubing.



Heating Plate with Block Type Fixation



- A heating plate with a block type fixation can be used on bones (e.g. skull) with dental cement or adhesive.
- Shapes and sizes are customizable according to experimental purposes.
- Forceps pusher to experiment specific areas for imaging
- Heating plate to maintain an animal's body temperature
- Fixed part is assembled to a heating plate with screws.
- Anesthesia mask adaptor to connect anesthesia tubing

A block type fixation part to attach bones
(e.g. skull)

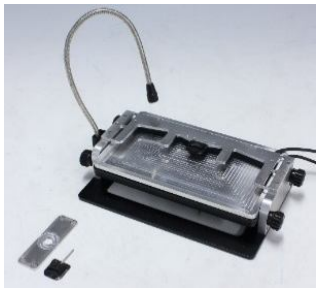
Heating Plate with Ring Type Fixation

- Designed to image the skull of small animals through a ring hole fixed on the skull.
- Usable coverslip on the hole (standard OD12mm).
- Able to allow coverslips to get a good imaging without dried tissues and diffused media reflection.
- Ring is made of titanium to increase strength and to reduce weight.
- Fixed ring type should be used after fixing bones with adhesive or dental cement.
- Without anesthesia, the device can be easily dis/assembled by the magnetic force.

- Useable with a heating plate to maintain the body temperature of the animal.
- Equipped with an application of gas anesthesia.
- Anesthesia mask adaptor to connect anesthesia tubing.

Model No.	Product
US-R-10	Heating plate with traditional stereotaxic type fixation device for mouse
US-R-10R	Heating plate with traditional stereotaxic type fixation device for rat
US-R-20	Heating plate with block type fixation device for mouse
US-R-30	Heating plate with ring type fixation device for mouse

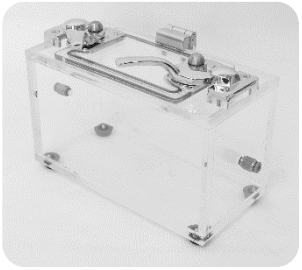
Heating plate with the small intestine holder



Model No.	Product
US-R-40	Heating plate for mouse's small intestine

Anesthesia Machine with Anesthesia Chamber for mouse

Anesthesia machine



Anesthesia chamber

Model No.	Product
US-A-70	Anesthesia machine
US-A-70C	Anesthesia chamber

DS-1 (IVF Chamber)

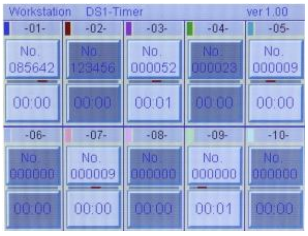
In Vitro Fertilization Environmental System

DS-1, 10-chamber type

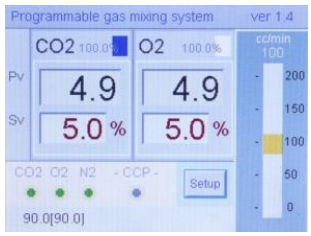
- 3-Touchscreen control panel for ease of use: temperature, gas flow, and timer
- Controllable gas concentration, and amount of gas influx by computer software
- Temperature sensor, CO2 and O2 sensor for monitoring for each chamber
- Rapid CO2 recovery in each chamber after chamber opening

- Dry Incubator System (DS-1) has pre-heating culture media to prevent evaporation and contamination of the embryo that is highly effective in the IVF procedure.
- Easily attachable HEPA filter eliminates the fine dust.
- Temperature regulation for each chamber
- Separate gas line for each chamber
- Alarm system alerts the undesired parameter changes.
- Able to check the operating status via real-time graphs of all control parameters.
- Optional humidifying reservoir for each chamber without risk of contamination.

11-channel temperature control touch screen



Timer & numbering function



Tri-gas control & flow meter

Model No.	Product
DS-R-02	Table-top incubator 2 - chamber type
DS-R-04	Table-top incubator 4 - chamber type
DS-R-06	Table-top incubator 6 - chamber type
DS-R-10	Table-top incubator 10 - chamber type

FS-1 (IVF Chamber)

In Vitro Fertilization Environmental System

FS-1, single IVF chamber

- Organs of FS-1 controls the suitable temperature, CO2 level for the screening egg cells or embryos, and other procedures.
- Movable, roomy enough to fit any kinds of microscope including the stereo microscope
- Effective magnetic revolving open/close system for each opening to prevent the air flow from outside
- Lockup holder to fix a CO2 tank in a position
- Polycarbonate or reinforced acrylic plate are customizable for the front transparent panel. (Standard type: polycarbonate plate)
- Touchscreen monitor to display microscopic camera images
- Separate on/off switches for CO2, humidity, and HEPA filter.

Model No.	Product
FS-R-10	Single IVF environmental chamber for 1 operator
FS-R-12	Double IVF environmental chambers for 2 operators (in the front and the back)

LS-1(IVF work station)

In Vitro Fertilization Environmental System

LS-1, Work station for single operator

- Work station for various biomedical experiment.
- Built-in heating system on the work surface.
- Customizable size of the work station.
- Compatible with all types of microscopes.
- Installable with additional CO2 / O2 gas modules.

Model No.	Product
LS-R-10	Single IVF work station for 1 operator
LS-R-20	Double IVF work station for 2 operators

CR Series

Temperature Indicators

3 different types of the temperature indicators (medium volume) are thin and sensitive not to cause a temperature change.

TS-M

Specifications	
Temperature range	- 200 ~ 500℃
Step	0.1 ℃
Communication with computer	Not available.
Power	100 ~ 240 V

TS-C

Specifications	
Temperature range	- 200 ~ + 500℃
Step	0.1 ℃
Communication with computer	via CU-501
Power	100 ~ 240 V

CCP program saves and monitors all data.

TS-CD

Specifications	
Temperature range	- 200 ~ 500℃
Step	0.1 ℃
Communication with computer	via RS-232
Power	100 ~ 240 V

CCP program saves and monitors all data.

Model No.	Product
TS-B	PT 100 sensor only (Can be connect with CU-501)
TS-M	Temperature indicator with ultra thin thermocouple (No communication with computer)
TS-C	Temperature indicator with ultra thin thermocouple (communication with computer via CU-501)
TS-CD	Temperature indicator with ultra thin thermocouple (communication with computer via RS-232 port)

Chamlide Magnetic Chambers

1. Easy Installation

Patented magnetic system to allow quick and easy assembly

2. Cost-effective

Semi-permanent, replacing consumable culture-ware and expensive coverslip-bottomed dishes.

3. High resolution of the live cell imaging

Coverslips (thickness 0.15mm~0.20 mm) to allow high resolution imaging

Chamber with Coverslip

- For high resolution microscopy, the high numerical aperture of an optical system is required with very short working distance.
- Coverslip with 0.15mm~0.20 mm thickness
- Coverslip has an appropriate reflective index (~1.515) using oil or water immersion objective lenses.

Types of Observation Chambers

1. Non-perfusion Semi-closed Chambers

- Required to control the temperature, CO_2 concentration and humidity in the chamber
- Put into the incubator systems such as Chamlide TC, Chamlide WP, and Chamlide IC.

2. Perfusion Closed Chambers

- For small volume-perfusion or rapid perfusion.
- Fresh medium perfused into the chamber, not need to control CO_2 concentration and humidity.
- Maintain the temperature of the chamber and the fresh medium with a heating plate and a fluidic inline heater

3. Perfusion Opened Chambers

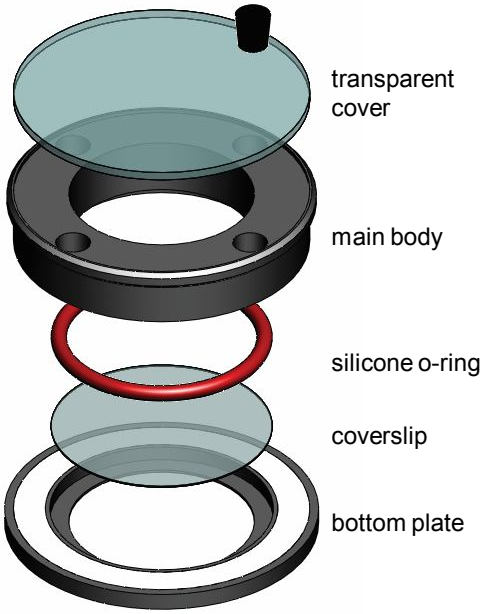
- Usable with the exterior manipulator or able to inject some solutions (e.g. chemical agents or drugs)
- Fresh medium perfused into the chamber, not need to control CO_2 concentration and humidity.
- Maintain the chamber temperature and the fresh medium with a heating plate and a fluidic inline heater

Chamlide CMB

35mm Dish Type 1 Well Magnetic Chambers for Round Coverslip

- Patented magnetic system for easy assembly
- User friendly and safe
- Installation takes a few seconds.
- The exterior size is the same as 35mm culture dish.
- Re-useable and replaceable coverslip-bottomed 35mm dishes
- Usable with the Chamlide MB (multi-hole bottom plate) and the Chamlide MD (6 dish holder)
- Controllable biological environment with Chamlide incubator systems (e.g. Chamlide TC, Chamlide IC, or Chamlide WP) for 6-well plate and gas mixing systems (e.g. FC-5 or FC-7)

Chamlide CMB for 18mm and 25mm coverslip

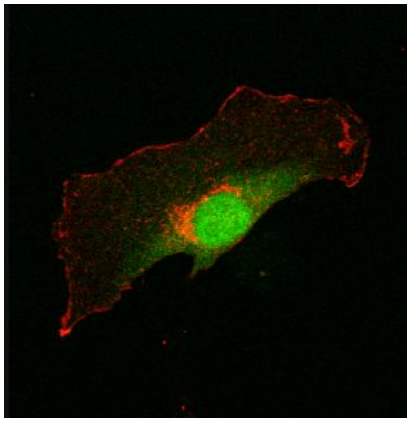


patented magnetic chamber system

How to use Chamlide magnetic chambers

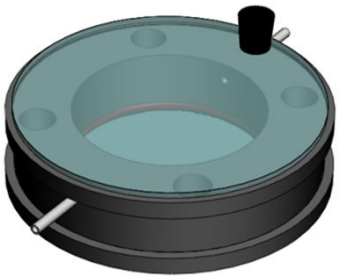
1. Culture the cells on a coverslip.
2. With a forceps, transfer a coverslip to the bottom plate.
3. Place the main body close to the bottom plate.
   (The main body will automatically attach to the bottom plate by magnetic force.)
4. Fill the chamber with an observation medium.

* You can also use pre-assembled chamber to directly seed the cells.

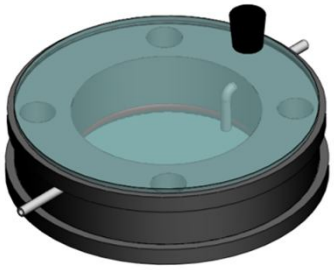


Chamlide CMB for Injection

standard Chamlide CMB



straight tubing type Chamlide CMB



L-shape tubing type Chamlide CMB

- Chamlide CMBs for injection: straight tubing type Chamlide CMB and L-shape tubing type Chamlide CMB.
- Straight / L-shape tubing type are injectable to the fresh medium or drug into the chamber.
- L-shape tubing type Chamlide CMB is removable to the medium inside the chamber with suction.

Specifications

35mm dish type magnetic chamber for 18mm coverslip internal volume	Maximum 1.2 ml
35mm dish type magnetic chamber for 25mm coverslip internal volume	Maximum 2.7 ml
Chamber material	Body: Black polycarbonate Bottom: Aluminum alloy, steel Cover: Glass O-ring: Silicone

Model No.	Product
CM-B12-1	Chamlide CMB for 12mm round coverslips
CM-B12-1PA	Straight tubing type CM-B12-1
CM-B12-1PB	L-shape tubing type CM-B12-1
CM-B15-1	Chamlide CMB for 15mm round coverslips
CM-B15-1PA	Straight tubing type CM-B15-1
CM-B15-1PB	L-shape tubing type CM-B15-1
CM-B18-1	Chamlide CMB for 18mm round coverslips
CM-B18-1PA	Straight tubing type CM-B18-1
CM-B18-1PB	L-shape tubing type CM-B18-1

Model No.	Product
CM-B20-1	Chamlide CMB for 20mm round coverslips
CM-B20-1PA	Straight tubing type CM-B20-1
CM-B20-1PB	L-shape tubing type CM-B20-1
CM-B22-1	Chamlide CMB for 22mm round coverslips
CM-B22-1PA	Straight tubing type CM-B22-1
CM-B22-1PB	L-shape tubing type CM-B22-1
CM-B25-1	Chamlide CMB for 25mm round coverslips
CM-B25-1PA	Straight tubing type CM-B25-1
CM-B25-1PB	L-shape tubing type CM-B22-1

Chamlide CMM

35mm Dish Type Multi-Well Magnetic Chambers for Round Coverslip

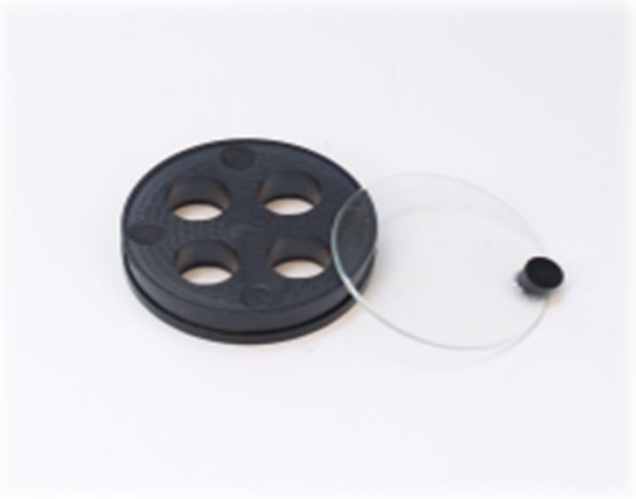
2 / 4-Well Chamlide CMM with 25mm Round Coverslip

- 2-well chamber and 4-well chamber for 25mm round coverslip
- Silicon gasket prevents leaking of the medium between wells.
- Exterior size of CM-M25-2/4 is the same as 35mm culture dish.
- Usable with the Chamlide MB (multi-hole bottom plate) and the Chamlide MD (6-dish holder).
- Controllable biological environment using Chamlide incubator systems (e.g. Chamlide TC, Chamlide IC, or Chamlide WP) for 6-well plate and gas mixing systems (e.g. FC-5 or FC-7)
- Other features are the same as Chamlide magnetic chamber.

Specifications

25mm coverslip type 2-well magnetic chamber (CM-M25-2) internal volume	Maximum 1.0 ml / well
25mm coverslip type 4-well magnetic chamber (CM-M25-4) internal volume	Maximum 450 μl / well
12mm coverslip type 4-well magnetic chamber (CM-M12-4) internal volume	Maximum 400 μl / well
Chamber material	
Body	Black polycarbonate
Bottom	Aluminum alloy, steel
Cover	Glass
Gasket	Silicone

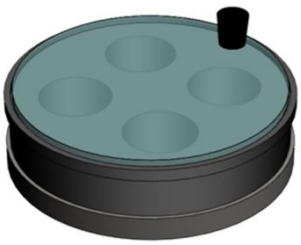
4-Well Chamlide CMM for 12mm Round Coverslip



- 4-well chamber for 12mm round coverslips.
- Four 12mm coverslips and a silicone gasket are usable.
- The exterior size of Chamlide CM-M12-4 is the same as 35mm culture dish.
- Other features are the same as Chamlide magnetic chamber.
- Usable with Chamlide MD (6-dish holder).
- The biological environment is controllable using Chamlide incubator systems (e.g. Chamlide TC, Chamlide IC, or Chamlide WP) for 6-wellplate and gas mixing systems (e.g. FC-5 or FC-7) for live cell imaging.

2-well Chamlide CMM
for 25mm round coverslip

4-well Chamlide CMM
for 25mm round coverslip



4-well Chamlide CMM
for 12mm round coverslip

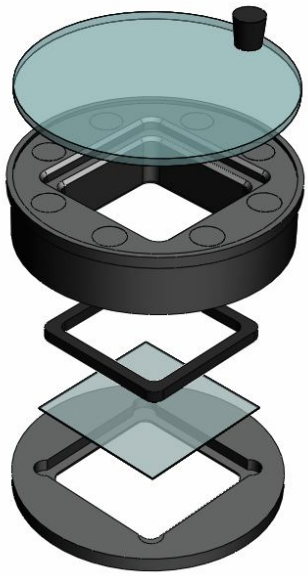
Model No.	Product
CM-M25-2	2-well Chamlide CMM for 25mm round coverslip
CM-M25-4	4-well Chamlide CMM for 25mm round coverslip
CM-M12-4	4-well Chamlide CMM for 12mm round coverslip

Chamlide CMS

35mm Dish Type Magnetic Chambers for Square Coverslip

1 Well Chamlide CMS

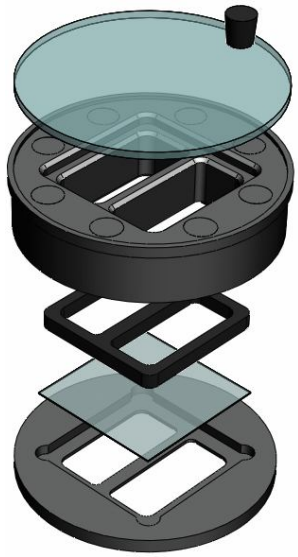
Coverslip
18 mm x 18 mm
20 mm x 20 mm
22 mm x 22 mm
24 mm x 24 mm



- 1 well Chamlide CMS is for the square coverslip, and 18 x 18 / 20 x 20/ 22 x 22 / 24x24mm coverslips are available.
- Other functions and features are the same as the standard type Chamlide CMB.

2-Well Chamlide CMS

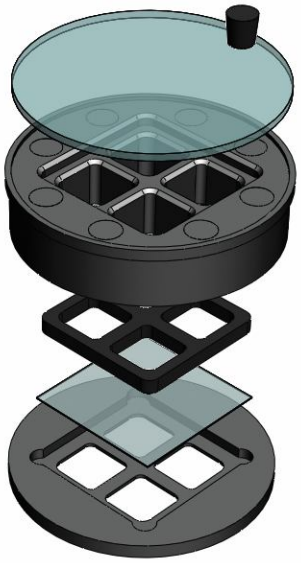
Coverslip
18 mm x 18 mm
20 mm x 20 mm
22 mm x 22 mm
24 mm x 24 mm



- 2-well Chamlide CMS is for the square coverslip, and 18 x 18 / 20 x 20/ 22 x 22 / 24x24mm coverslips are available.
- Other functions and features are the same as the standard type Chamlide CMM.

4-Well Chamlide CMS

Coverslip
18 mm x 18 mm
20 mm x 20 mm
22 mm x 22 mm
24 mm x 24 mm

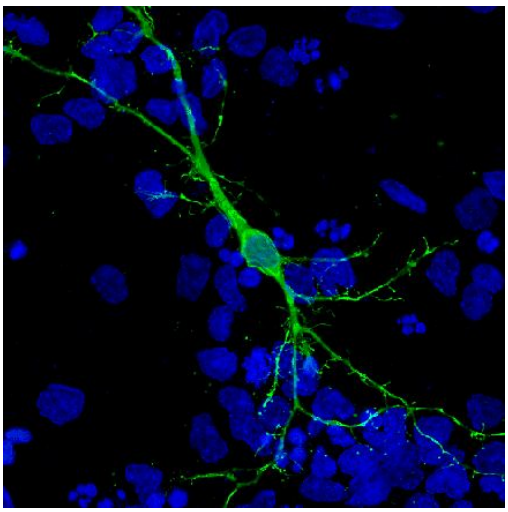


- 4-well Chamlide CMS is for the square coverslip, and 18 x 18 / 20 x 20/ 22 x 22 / 24x24 coverslip is available.
- Other functions and features are the same as the standard type Chamlide CMM.

Specifications

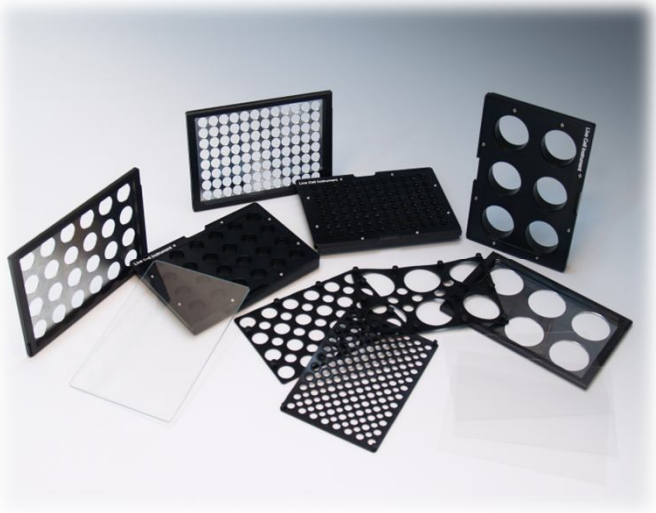
24x24 coverslip type 1 well magnetic chamber internal volume	Maximum 2.0 ml / well
24x24 coverslip type 2-well magnetic chamber internal volume	Maximum 800 ㎕ / well
24x24 coverslip type 4-well magnetic chamber internal volume	Maximum 400 ㎕ / well
Chamber material	Body: Black polycarbonate Bottom: Aluminum alloy Cover: Glass Gasket: Silicone

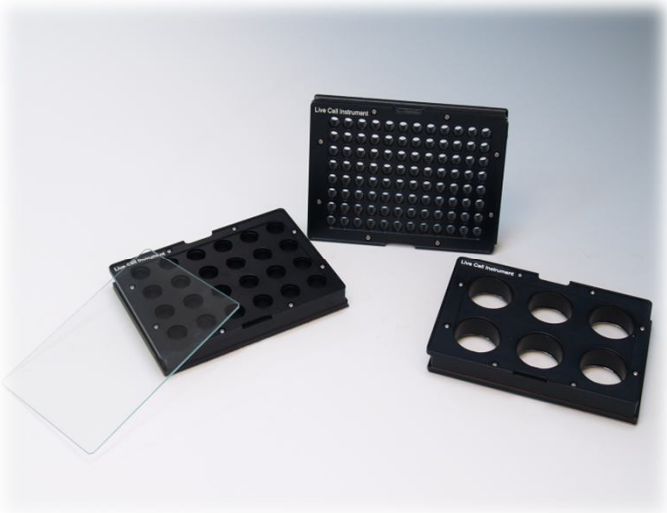
Model No.	Product
CM-S18-1	1 well Chamlide CMS for 18mmx18mm coverslip
CM-S20-1	1 well Chamlide CMS for 20mmx20mm coverslip
CM-S22-1	1 well Chamlide CMS for 22mmx22mm coverslip
CM-S24-1	1 well Chamlide CMS for 24mmx24mm coverslip
CM-S18-2	2-well Chamlide CMS for 18mmx18mm coverslip
CM-S20-2	2-well Chamlide CMS for 20mmx20mm coverslip
CM-S22-2	2-well Chamlide CMS for 22mmx22mm coverslip
CM-S24-2	2-well Chamlide CMS for 24mmx24mm coverslip
CM-S18-4	4-well Chamlide CMS for 18mmx18mm coverslip
CM-S20-4	4-well Chamlide CMS for 20mmx20mm coverslip
CM-S22-4	4-well Chamlide CMS for 22mmx22mm coverslip
CM-S24-4	4-well Chamlide CMS for 24mmx24mm coverslip



Chamlide PT

Well Plate Type Multi-Well Magnetic Chamber

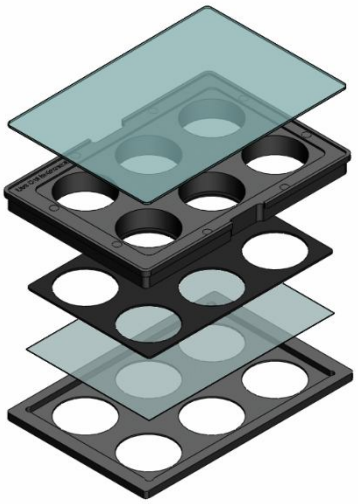




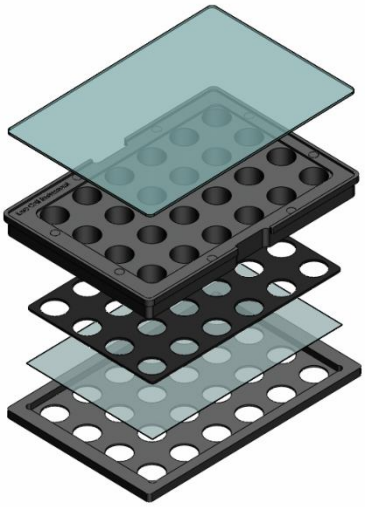
- Disposable cover glass bottomed well plate is replaceable.
- Semi-permanent
- The bottom cover glass are simply removable and replaceable for the next use.
- Auto-cleavable
- Silicone gaskets to prevent leaking
- Big size (113mm x 75mm, #1.5, thickness ~0.17mm) coverslip. (See Page 49, 70091137B)
- Metal bottom for stable temperature control during the live cell imaging
- Non-toxic and non-reactive polycarbonate material
- Patented magnetic multi-well chamber system for easy installation
- Temperature and CO2 level are controllable with Chamlide WP and FC-5 for live cell imaging.

How to use Chamlide PT

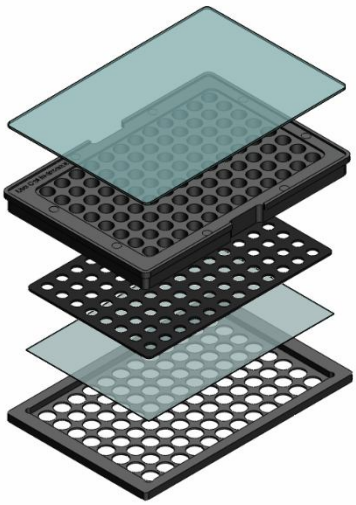
1. Put the big size coverslip (113mm x 75 mm) into the bottom plate.
2. Fit the main body with the silicone gasket.
3. Place the main body close to the bottom plate
   (The main body will automatically attach to the bottom plate by **magnetic force.**)
4. Seed the cells into the chamber
5. Use it with Chamlide WP for the live cell imaging or put it in the CO2 incubator for cell culture.



6-well Chamlide PT



24-well Chamlide PT



96-well Chamlide PT

transparent cover

main body

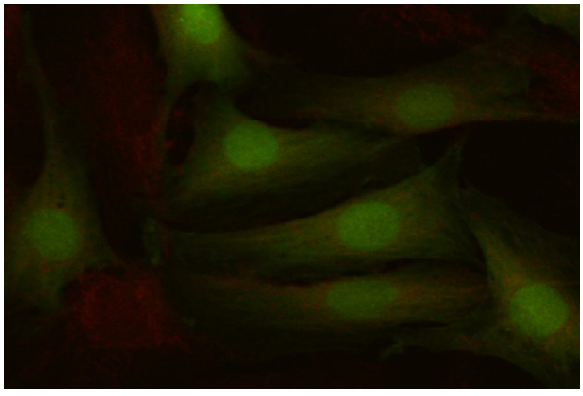
silicone gasket

big size coverslip (113 x 75 mm)

bottom plate

Specifications		
6-well plate type magnetic chamber internal volume	Maximum	5.5 ml / well
24-well plate type magnetic chamber internal volume	Maximum	1.0 ml / well
96-well plate type magnetic chamber internal volume	Maximum	230 $\mu\ell$ / well
Material	Main body	Black polycarbonate
	Bottom	Black anodized aluminum alloy, steel
	Cover	Glass
	Gasket	Silicone

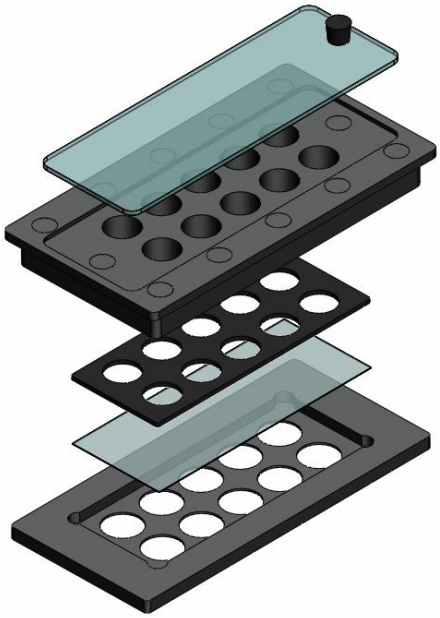
Model No.	Product
PT-S-06	6-well Chamlide PT
PT-S-12	12-well Chamlide PT
PT-S-24	24-well Chamlide PT
PT-S-48	48-well Chamlide PT
PT-S-96	96-well Chamlide PT



Well Slip

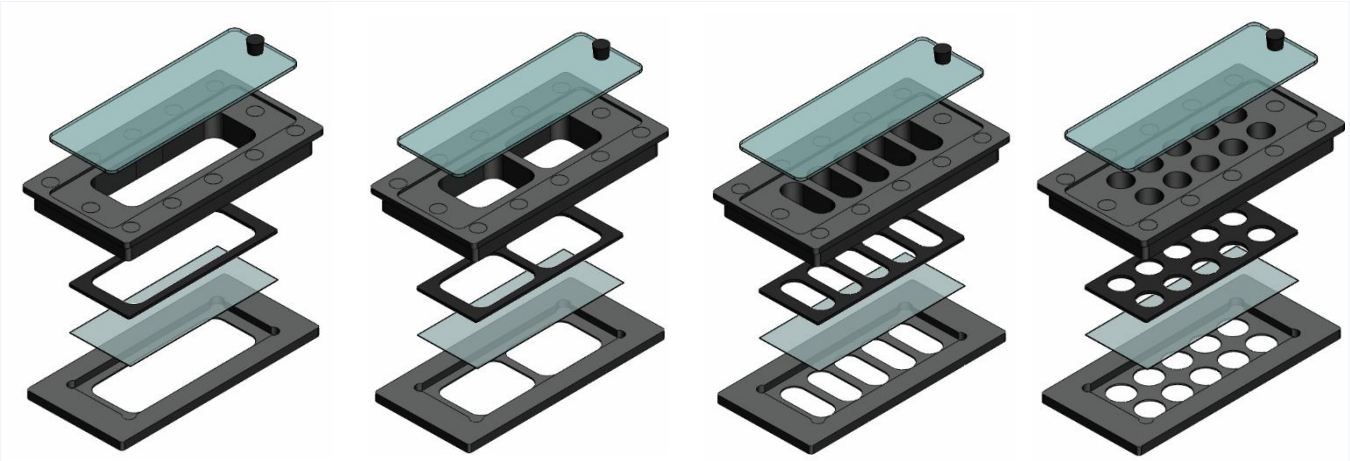
Coverslip Bottom Magnetic Chamber for Rectangular Coverslip

- Consumable chambered cover glass is replaceable.
- Semi-permanent and re-useable
- Bottom coverslip is simply removable and replaceable for next use.
- Auto cleavable
- Silicone gaskets to prevent leaking
- Metal bottom for stable temperature control during the live cell imaging
- Non-toxic and non-reactive polycarbonate material
- Patented magnetic system for easy assembly
- Temperature and CO2 level are controllable using Chamlide TC and FC-5 for live cell imaging.



Specifications		
Material	Main body	Black polycarbonate
	Bottom	Black anodized aluminum alloy
	Cover	Glass
	Gasket	Silicone

Coverslip	Well Quantity
22 mm x 32 mm	1 well / 2 wells
22 mm x 40 mm	1 well / 2 wells / 4 wells
22 mm x 50 mm	1 well / 2 wells / 4 wells / 8 wells
22 mm x 60 mm	1 well / 2 wells / 5 wells / 10 wells
24 mm x 32 mm	1 well / 2 wells
24 mm x 40 mm	1 well / 2 wells / 4 wells
24 mm x 50 mm	1 well / 2 wells / 4 wells / 8 wells
24 mm x 60 mm	1 well / 2 wells / 5 wells / 10 wells



1 well slip **2-well slip** **5-well slip** **10-well slip**

Well slip for 22(24) x 60mm

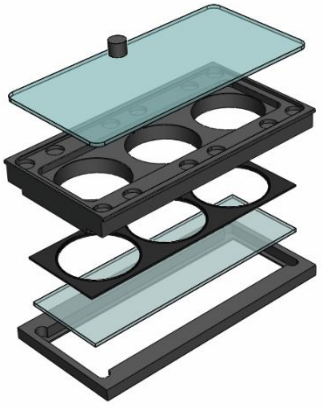
Model No.	Product
WL-2232-1	1 well slip for 22mmx32mm coverslip
WL-2240-1	1 well slip for 22mmx40mm coverslip
WL-2250-1	1 well slip for 22mmx50mm coverslip
WL-2260-1	1 well slip for 22mmx60mm coverslip
WL-2432-1	1 well slip for 24mmx32mm coverslip
WL-2440-1	1 well slip for 24mmx40mm coverslip
WL-2450-1	1 well slip for 24mmx50mm coverslip
WL-2460-1	1 well slip for 24mmx60mm coverslip
WL-2232-2	2-well slip for 22mmx32mm coverslip
WL-2240-2	2-well slip for 22mmx40mm coverslip
WL-2250-2	2-well slip for 22mmx50mm coverslip
WL-2260-2	2-well slip for 22mmx60mm coverslip
WL-2432-2	2-well slip for 24mmx32mm coverslip

Model No.	Product
WL-2440-2	2-well slip for 24mmx40mm coverslip
WL-2450-2	2-well slip for 24mmx50mm coverslip
WL-2460-2	2-well slip for 24mmx60mm coverslip
WL-2240-4	4-well slip for 22mmx40mm coverslip
WL-2250-4	4-well slip for 22mmx50mm coverslip
WL-2440-4	4-well slip for 24mmx40mm coverslip
WL-2450-4	4-well slip for 24mmx50mm coverslip
WL-2260-5	5-well slip for 22mmx60mm coverslip
WL-2460-5	5-well slip for 24mmx60mm coverslip
WL-2250-8	8-well slip for 22mmx50mm coverslip
WL-2450-8	8-well slip for 24mmx50mm coverslip
WL-2260-10	10-well slip for 22mmx60mm coverslip
WL-2460-10	10-well slip for 24mmx60mm coverslip

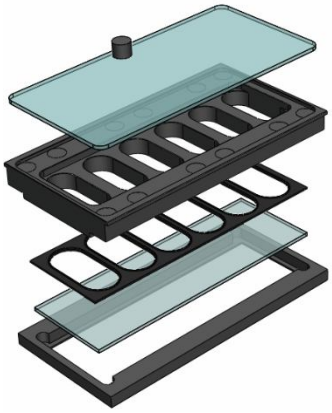
Well Slide

Slide Glass Bottom Multi-Well Magnetic Chamber

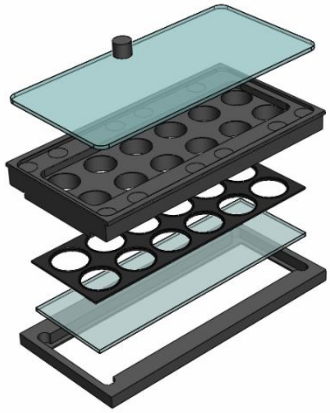
- Best for immunohistochemistry staining
- Chamber slide is consumable and replaceable.
- Semi-permanent and re-useable
- Bottom slide glass is simply removable and replaceable for the next use.
- Auto cleavable
- Silicone gaskets to prevent leaking
- Metal bottom for stable temperature control during the live cell imaging
- Non-toxic and non-reactive polycarbonate material
- Patented magnetic system for easy assembly
- Temperature and CO2 level are controllable with Chamlide TC and FC-5 for the live cell imaging.



3-well slide



6-well slide



12-well slide

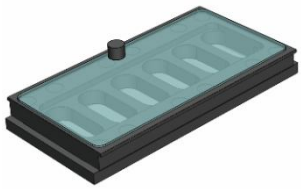
transparent cover

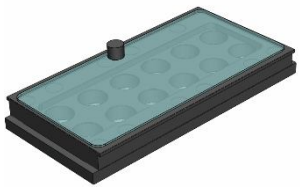
main body

silicone gasket

slide glass

bottom plate



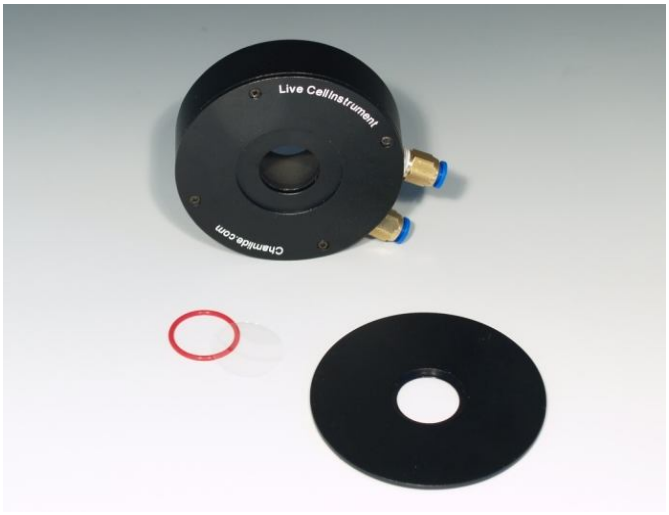


Specifications

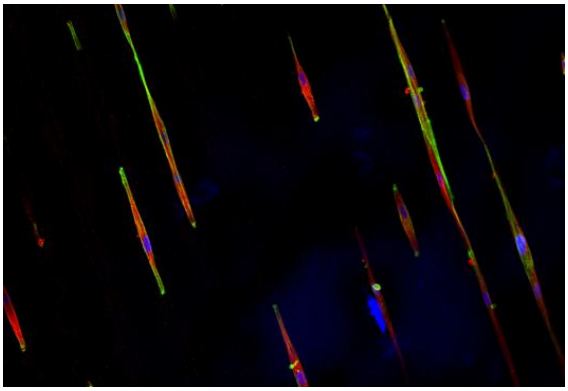
Well slide internal volume	12-well type	400 ㎕ / well
	6-well type	1 ml / well
	3-well type	2 ml / well
Material	Main body	Polycarbonate
	Bottom	Black anodized aluminum alloy
	Cover	Glass
	Gasket	Silicone

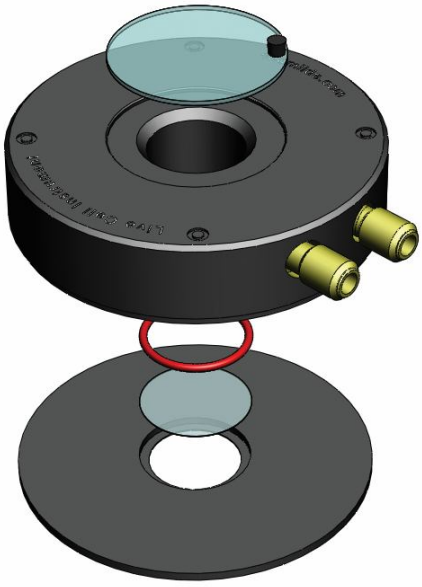
Model No.	Product
WS-S-03	3-well slide
WS-S-06	6-well slide
WS-S-12	12-well slide

Chamlide WC
Water Circulation Magnetic Chamber



- For the low and high temperature experiment
- Use Chamlide WC with the water-circulation bath to control the temperature of the chamber.





transparent cover

main body

silicone gasket

coverslip

bottom plate

Specifications

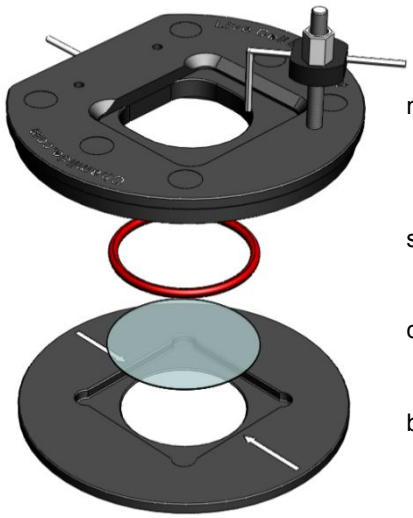
Temperature range	Depending on water circulation bath	
Circulation water inlet/outlet port size	4mm (O.D)	
Material	Main body	Polycarbonate & Aluminum alloy
	Bottom plate	Black anodized aluminum alloy

Model No.	Product
WC-R12	Chamlide WC for 12mm round coverslip
WC-R15	Chamlide WC for 15mm round coverslip
WC-R18	Chamlide WC for 18mm round coverslip
WC-R20	Chamlide WC for 20mm round coverslip
WC-R22	Chamlide WC for 22mm round coverslip
WC-R25	Chamlide WC for 25mm round coverslip

Chamlide AC

Perfusion Type Water Volume Adjustable Magnetic Chamber

- Perfusion type opened chamber
- Eliminate the problem of swirling and to achieve the laminar flow during perfusion, Chamlide AC uses an oval shaped well in the chamber.
- Wide fluid inlet prevents the shear damage from cells during perfusion.
- The height of the outlet port (or suction port) are adjustable to control the media volume inside the chamber.
- The temperature of the chamber are controllable with a heating plate.
- The fluidic inline heater (IHS-101) for controlling medium temperature



Specifications

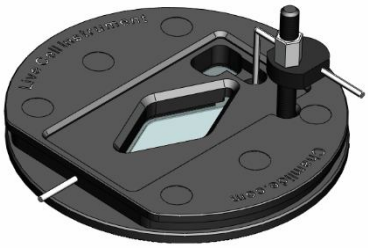
Internal volume of perfusion chamber for 18ø coverslip	Maximum 0.6 ml
Internal volume of perfusion chamber for 25ø coverslip	Maximum 1.5 ml
Material	Main body Black polycarbonate Bottom plate Black anodized aluminum alloy
Inlet/outlet port tubing size	1.0 mm (O.D)
Chamber physical dimension	Main body 55mmø x 5T Bottom plate 55mmø x 2T

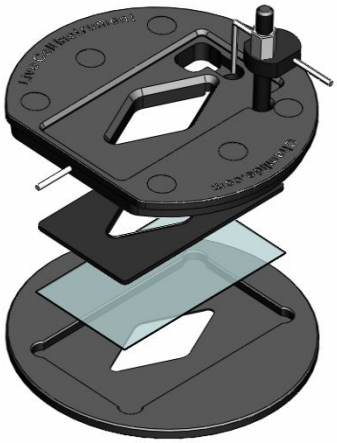
Model No.	Product
AC-B15	Chamlide AC for 15mm round coverslip
AC-B18	Chamlide AC for 18mm round coverslip
AC-B20	Chamlide AC for 20mm round coverslip
AC-B22	Chamlide AC for 22mm round coverslip
AC-B25	Chamlide AC for 25mm round coverslip

Chamlide AC-P (Chamlide AC for Patch Clamp)

- For the patch clamp experiment
- The opening of the patch clamp Chamlide AC is wider than the standard type for easy access of external manipulators.
- For fast medium change, the opening is elliptical.

Chamlide AC-PS (Chamlide AC for Patch Clamp)





- Minimize water surface fluctuation during perfusion.
- Use 24(22)mm x 40mm rectangular coverslip.
- Other functions and shapes are same as Chamlide AC-P.

Specifications

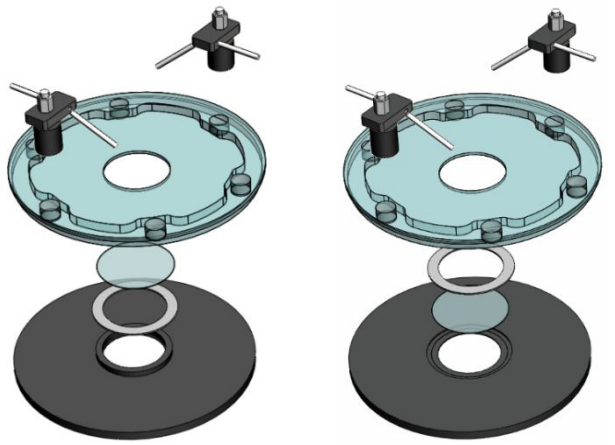
Internal volume of AC-P(PS) for 18ø coverslip	Maximum 0.6 ml
Internal volume of AC-P(PS) for 25ø coverslip	Maximum 1.5 ml
Material	Main body Black polycarbonate Bottom plate Black anodized aluminum alloy
Inlet/outlet port tubing size	1.0 mm (O.D)
Chamber physical dimension	Main body 55mmø x 5mmT Bottom plate 55mmø x 2mmT

Model No.	Product
AC-P15	Chamlide AC-P for 15mm round coverslip
AC-P18	Chamlide AC-P for 18mm round coverslip
AC-P20	Chamlide AC-P for 20mm round coverslip
AC-P22	Chamlide AC-P for 22mm round coverslip
AC-P25	Chamlide AC-P for 25mm round coverslip

Model No.	Product
AC-PS2240	Chamlide AC-PS for 22mm x 40 mm rectangular coverslip
AC-PS2440	Chamlide AC-PS for 24mm x 40 mm rectangular coverslip

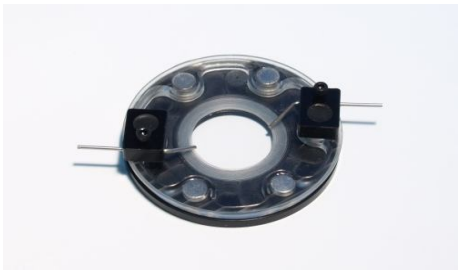
Chamlide AC-PI / Chamlide AC-PU (Wide Chamlide AC-P)

- For the patch clamp experiment.
- AC-PI is the perfusion chamber for the inverted microscope.
- AC-PU is for the upright microscope.
- The opening of the Chamlide AC-PI/PU is wider than the Chamlide AC-P for easy access of external manipulators.
- For convenient approach of the external manipulator, perfusion inlet/outlet ports can be moved and attached with magnetic force.



Chamlide AC-PU (for upright microscope)

Chamlide AC-PI (for inverted microscope)



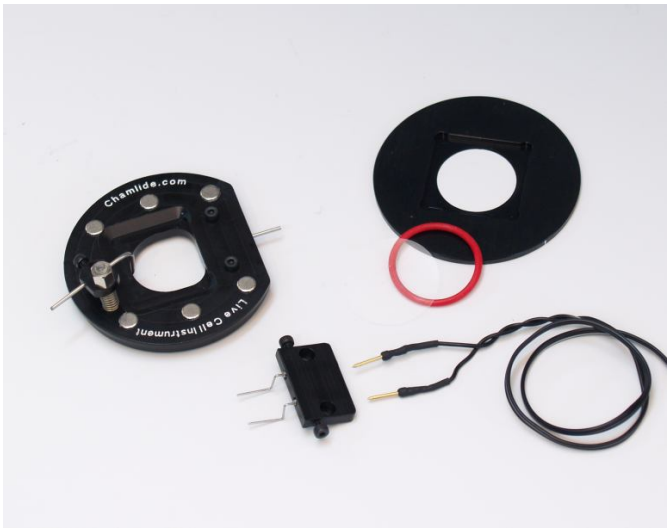
AC-PI/PU with low height inlet/outlet ports

Model No.	Product
AC-PI15	Chamlide AC-PI for 15mm round coverslip
AC-PI18	Chamlide AC-PI for 18mm round coverslip
AC-PI20	Chamlide AC-PI for 20mm round coverslip
AC-PI22	Chamlide AC-PI for 22mm round coverslip
AC-PI25	Chamlide AC-PI for 25mm round coverslip

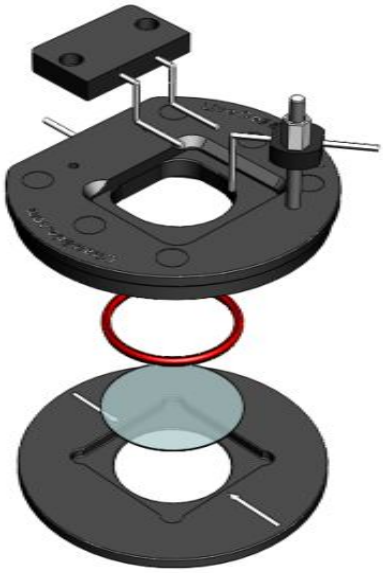
Model No.	Product
AC-PU15	Chamlide AC-PU for 15mm round coverslip
AC-PU18	Chamlide AC-PU for 18mm round coverslip
AC-PU20	Chamlide AC-PU for 20mm round coverslip
AC-PU22	Chamlide AC-PU for 22mm round coverslip
AC-PU25	Chamlide AC-PU for 25mm round coverslip

Chamlide EC

Perfusion Type Electric Stimulation Magnetic Chamber



- For applications requiring the field stimulation, Chamlide EC is supplied with a pair of platinum electrodes. The electrodes are installed along two parallel sides of the bath.
- Pin connector to supply the electric current from the stimulator is removed for diverse uses.
- Other features are the same as the Chamlide AC except the electrode part.
- Patented magnetic system for easy assembly
- IHS-101 (the fluidic inline heater) for controlling medium temperature.
- The temperature of the chamber is controllable with a heating plate.



electrode

main body

silicone o-ring

coverslip

bottom plate

Specifications

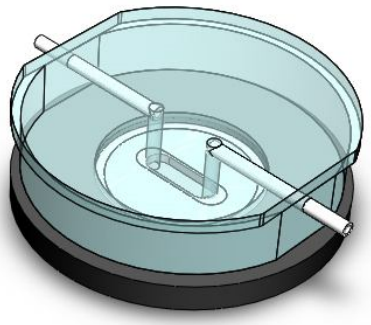
Internal volume of perfusion chamber for 18mmø coverslip	Maximum 0.6ml
Internal volume of perfusion chamber for 25mmø coverslip	Maximum 1.5ml
Pt electrode	0.5 mm (O.D) x 30
Inlet/outlet port tubing size	1.0 mm (O.D)
Chamber physical dimension	Main body 55mmø x 5mmT Bottom plate 55mmø x 2mmT

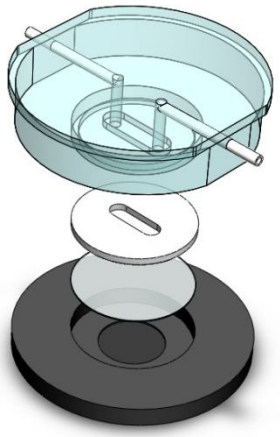
Model No.	Product
EC-B15	Chamlide EC for 15mm round coverslip
EC-B18	Chamlide EC for 18mm round coverslip
EC-B20	Chamlide EC for 20mm round coverslip
EC-B22	Chamlide EC for 22mm round coverslip
EC-B25	Chamlide EC for 25mm round coverslip

Chamlide CF, Chamlide CF-EC

Perfusion Type Closed Magnetic Chamber/ Shear Stress Chamber

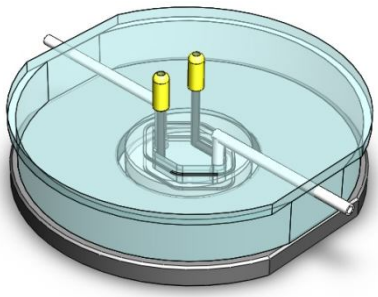
- Fast medium exchange
- The thickness of the silicone gasket is even.
- The internal volume depends on the height of the projecting part toward the bottom of the main body.
- If the height of the channel is **200㎛**, it can be used for cell adhesion studies by **shear stress**.
- The shape of the inside gasket is customizable.

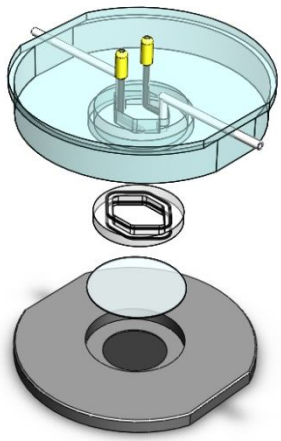




Chamlide CF-EC/ Electric Stimulation CF

- For applications requiring field stimulation, Chamlide CF-EC is supplied with a pair of platinum electrodes.
- The electrodes are installed along two parallel sides of the bath.





Specifications

Magnetic closed chamber internal volume	Depending on channel shape and size
Material	Main body: Invisible polycarbonate Bottom: Black anodized aluminum alloy Gasket: Silicone Electrode: Platinum

Model No.	Product
CF-S15-A , B or C	Chamlide CF for 15mm round coverslip
CF-S18-A , B or C	Chamlide CF for 18mm round coverslip
CF-S20-A , B or C	Chamlide CF for 20mm round coverslip
CF-S22-A , B or C	Chamlide CF for 22mm round coverslip
CF-S25-A , B or C	Chamlide CF for 25mm round coverslip

Model No.	Product
CF-EC-S15-A , B or C	Chamlide CF-EC for 15mm round coverslip
CF-EC-S18-A , B or C	Chamlide CF-EC for 18mm round coverslip
CF-EC-S20-A , B or C	Chamlide CF-EC for 20mm round coverslip
CF-EC-S22-A , B or C	Chamlide CF-EC for 22mm round coverslip
CF-EC-S25-A , B or C	Chamlide CF-EC for 25mm round coverslip

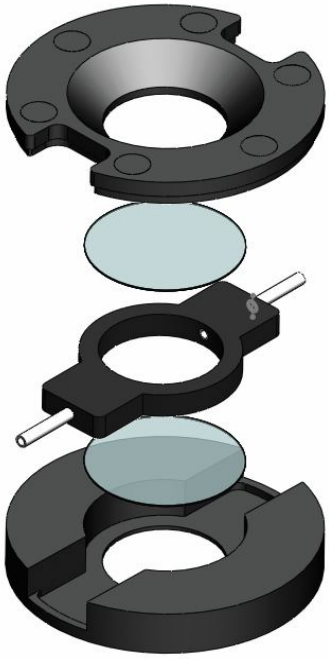
◆ **"A" has 0.2mm internal height, "B" has 0.5mm internal height, "C" has 1.0mm internal height**

Chamlide CF-T

Chamlide CF with Two Coverslips

For perfect transmission imaging use:

- A coverslip is a lid.
- High quality transmission imaging (e.g. DIC)
- Closed type perfusion is available.
- Patented magnetic system for easy assembly
- Silicone gasket (2.5mm thickness is the standard).
- The size of chamber and the width of gasket are customizable.
- IHS-101 (the fluidic inline heater) for controlling the medium temperature
- The temperature of the chamber is controllable with a heating plate.
- Other functions and features are the same as the standard type Chamlide CF.
- Gasket shape is customizable.



Specifications

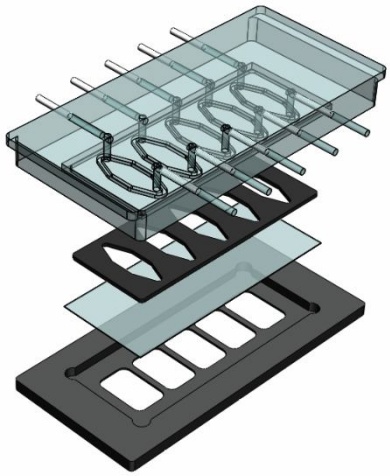
Magnetic closed chamber internal volume	Depending on the gasket shape
Material	Main body Black anodized aluminum alloy Bottom Black anodized aluminum alloy Gasket Silicone

Model No.	Product
CF-T12	Chamlide CF-T for 12mm round coverslip
CF-T15	Chamlide CF-T for 15mm round coverslip
CF-T18	Chamlide CF-T for 18mm round coverslip
CF-T20	Chamlide CF-T for 20mm round coverslip
CF-T22	Chamlide CF-T for 22mm round coverslip
CF-T25	Chamlide CF-T for 25mm round coverslip

Chamlide PM, PM-T

Perfusion Type Multi-Well Closed Magnetic Chamber

Chamlide PM



transparent main body

silicone gasket

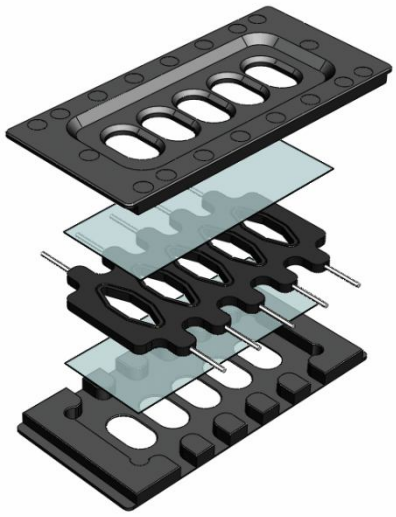
24x60 coverslip

bottom plate

- Use a 24mm x 60mm coverslip as a bottom for high magnification microscopy.
- Closed perfusion type is available.
- 5-well type is standard but more or less wells are customizable.
- Individual multi-experiments on a coverslip by the media perfusion are available.
- Patented magnetic system for easy assembly.
- The temperature of the chamber is controllable with a heating plate.

For perfect transmission imaging use:

- A coverslip is a lid.
- High quality transmission imaging such as DIC
- Silicone gasket (2.5mm thickness is the standard)
- Other functions are same as Chamlide PM



main body

24x60 coverslip

silicone gasket

24x60 coverslip

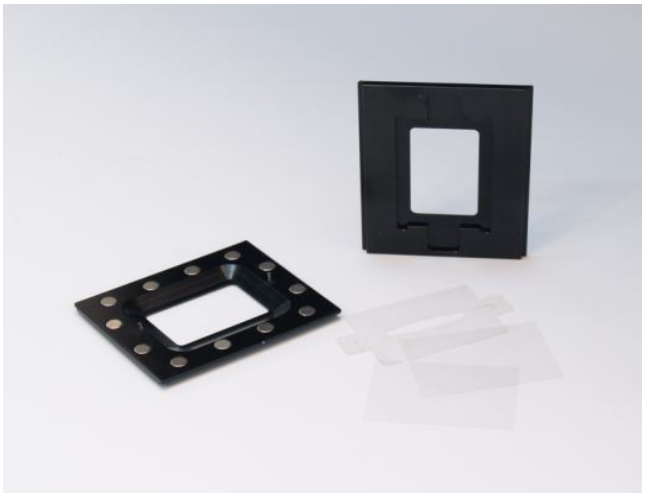
bottom plate

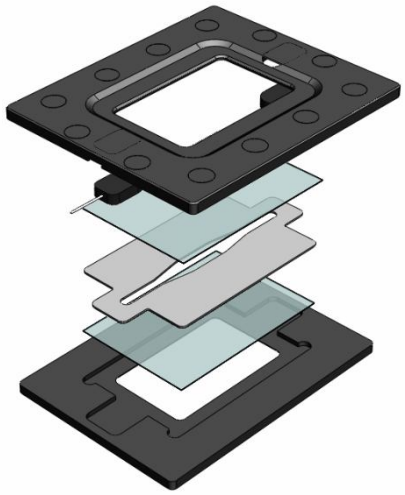
Specifications

Magnetic closed chamber internal volume	Depends on the channel size and number	
Material	Main body	Transparent polycarbonate (PM) Anodized aluminum alloy (PM-T)
	Bottom	Black anodized aluminum alloy
	Gasket	Silicone

Model No.	Product
PM-S-10	Chamlide PM
PM-T-10	Chamlide PM -T

Chamlide DF
Dark Field Chamber





main body

inlet/outlet port

35x50 coverslip

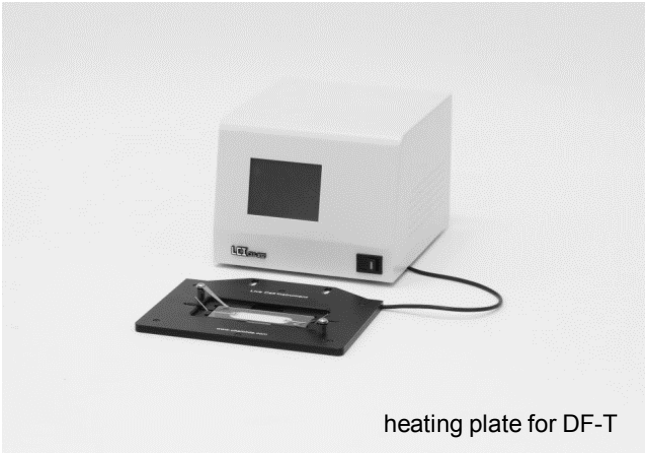
silicone gasket

35x50 coverslip

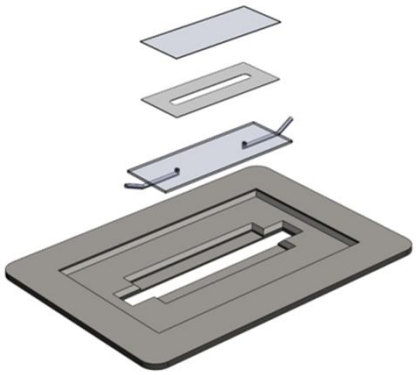
bottom plate

- Easy access of the condenser and the short working distance lens for the dark field microscope
- Two 35 x 50mm coverslip internal height is 0.5 mm.
- Patented magnetic system for easy assembly
- Fluid inlet/outlet to connect to a peristaltic pump or a syringe pump.
- Chamber temperature is controllable with a heating plate.
- Fluidic inline heater to control the medium temperature

Chamlide DF-T
0.1mm Internal Height Chamber



heating plate for DF-T



24 x 60 Cover slip

paraffin film gasket (0.1mm)

slide glass with inlet/outlet port

heating plate

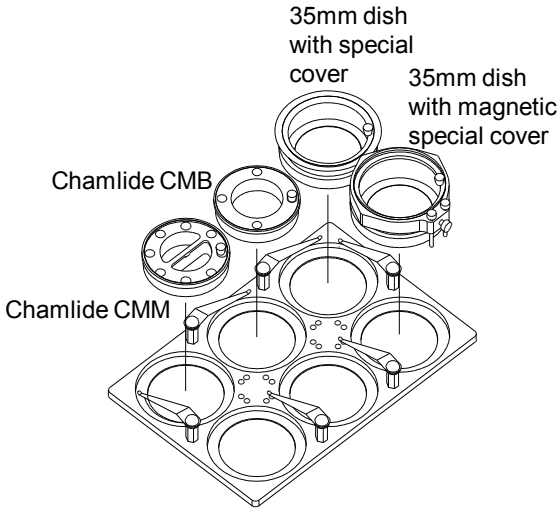
- Heating plate for Chamlide DF-T.
- Use 24mm x 50mm coverslip for the upper layer.
- Lower slide glass has inlet/outlet ports.
- Gasket is made by 0.1mm paraffin film and internal chamber height is 0.1mm.
- Heater (e.g. hair dryer) to attach or detach the gasket

Model No.	Product
DF-S-10	Chamlide DF
DF-T-10	Chamlide DF-T

Chamlide MD

6-dish Holder for 35mm Dish Type Magnetic Chambers & Dishes

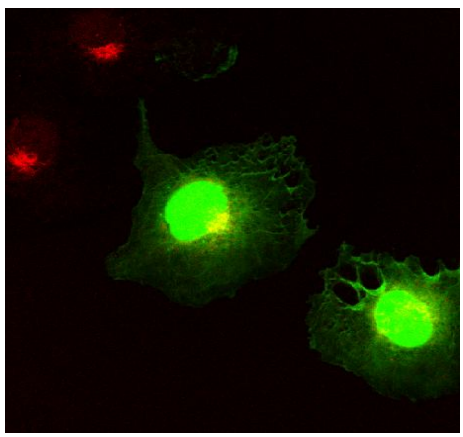
- The size of Chamlide MD is the same as a commercial well-plate.
- Loaded with consumable 35mm culture dishes or 35mm dish type magnetic chambers.
- Made to fit any type of commercial 35mm culture dish.
- Used with 35mm culture dish and the magnetic special cover to allow the removal of dishes and reloading without altering the position of the sample.



Specifications

Material	Body	Black anodized aluminum alloy
	Holder	Stainless steel clip or magnet

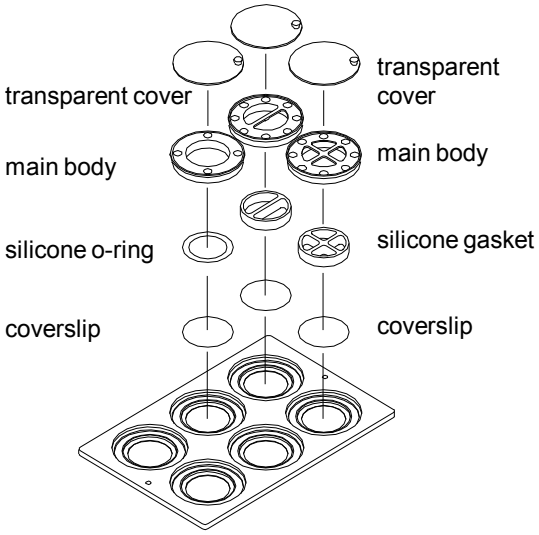
Model No.	Product
MD-S-10	Chamlide MD
MD-S-20	Chamlide MD for magnetic special cover



Chamlide MB

Multi-Hole Bottom Plate for 35mm Dish Type Magnetic Chambers

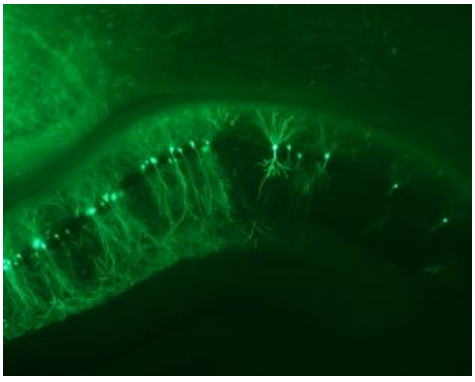
- Chamlide MB is for 35mm dish type magnetic chambers. (Chamlide CMB or Chamlide CMM)
- 6-hole Chamlide MB is the same size as a commercial plastic culture well plate.
- The hole size is the same as the bottom plate of the 35mm dish type Chamlide magnetic chamber for 12/15/18 /20/22/25mm round coverslips.
- 6-hole Chamlide MB allows users to install variety of Chamlide magnetic chambers in many different combinations.
  - Minimum 6 wells with 1 well Chamlide CMB to maximum 24 wells with 4-well Chamlide CMM when using with 6-hole Chamlide MB
  - Minimum 2 wells with 1 well Chamlide CMB to maximum 8 wells with 4-well Chamlide CMM when using with 2-hole Chamlide MB
- The incubator of the Chamlide TC (2-hole Chamlide MB) and Chamlide WP for 6-well plate (6-hole Chamlide MB).



Specifications

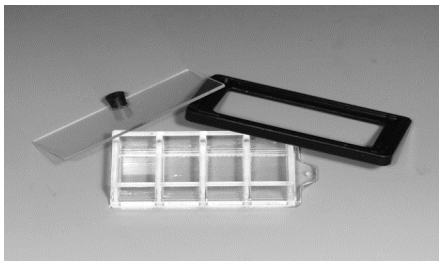
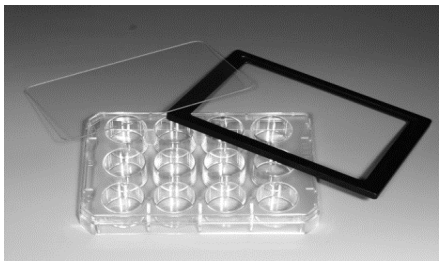
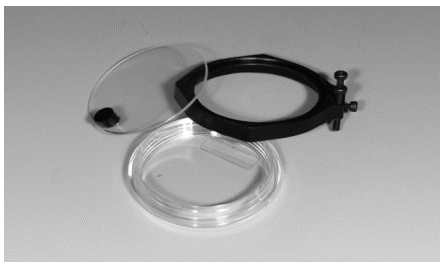
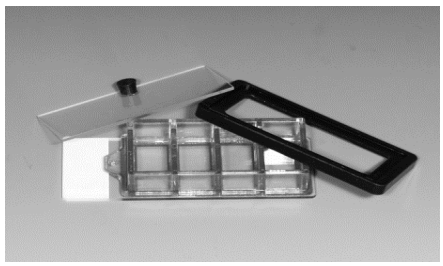
Material	Black anodized aluminum alloy

Model No.	Product
MB-R12-2	2-hole Chamlide MB for 12mm round coverslip
MB-R15-2	2-hole Chamlide MB for 15mm round coverslip
MB-R18-2	2-hole Chamlide MB for 18mm round coverslip
MB-R20-2	2-hole Chamlide MB for 20mm round coverslip
MB-R22-2	2-hole Chamlide MB for 22mm round coverslip
MB-R25-2	2-hole Chamlide MB for 25mm round coverslip
MB-R12-6	6-hole Chamlide MB for 12mm round coverslip
MB-R15-6	6-hole Chamlide MB for 15mm round coverslip
MB-R18-6	6-hole Chamlide MB for 18mm round coverslip
MB-R20-6	6-hole Chamlide MB for 20mm round coverslip
MB-R22-6	6-hole Chamlide MB for 22mm round coverslip
MB-R25-6	6-hole Chamlide MB for 25mm round coverslip

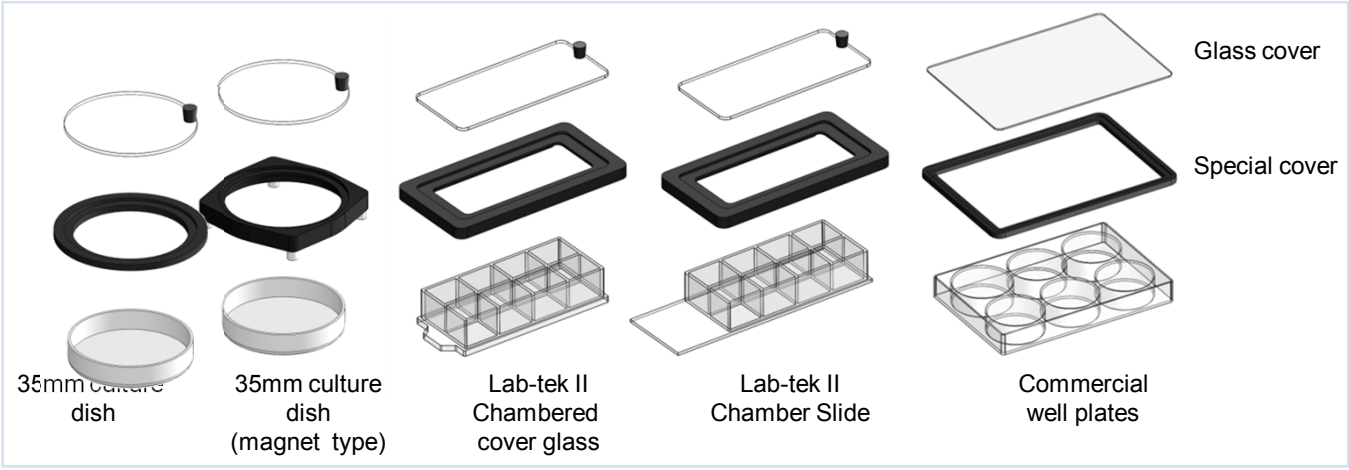


Special Glass Cover

Special Glass Cover for Various Commercial Culture Wares

- Various types of special covers for consumable culture ware instead of lids
- Special covers for maintaining humidity in the culture ware and for transmission during live cell imaging

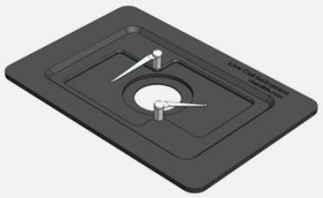
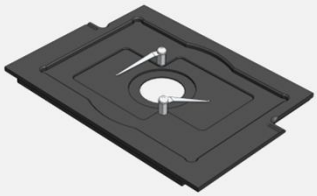
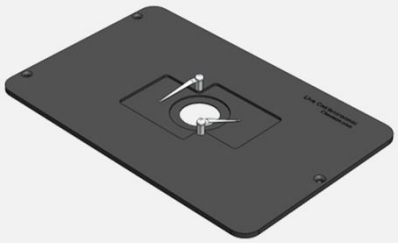
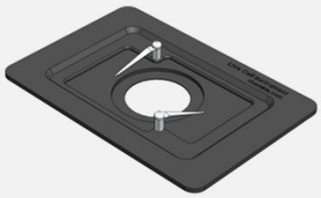
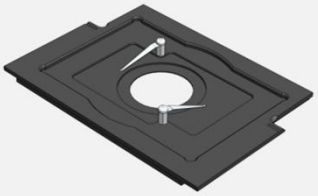
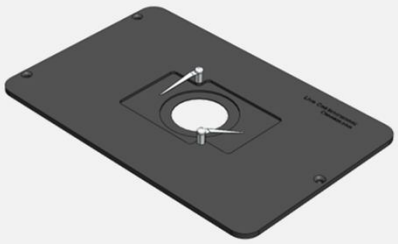
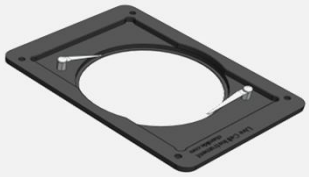
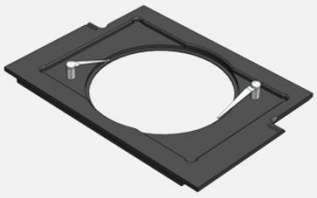
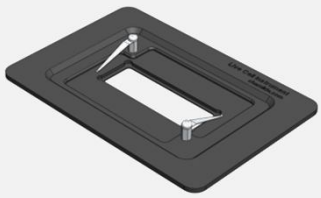
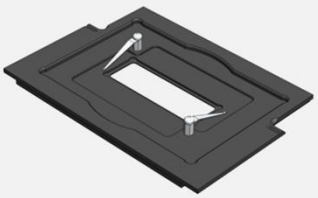
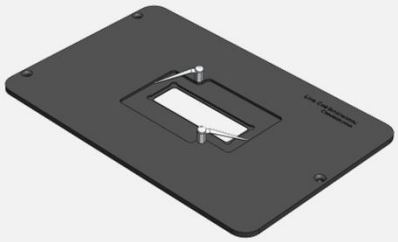
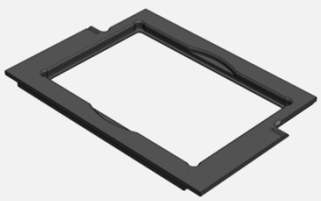


Specifications		
Material	Special cover body	Black anodized aluminum alloy
	Cover	Glass

Model No.	Product
SG-C-10	Special glass cover for 35mm culture dish
SG-C-20	Magnetic special glass cover for 35mm culture dish
SG-C-30	Special glass cover for consumable chamber slide or chambered cover glass
SG-C-40	Special glass cover for commercial well plate

Stage Insert

Stage Insert for Various Types of Specimen

Universal K Insert Size	Universal M Insert Size	Nikon Motorized XY Stage Inset Size
		
SI-K-10	SI-M-10	SI-N-10
Conventional 35mm Culture Dish or Chamlide Magnetic Chambers		
		
SI-K-20	SI-M-20	SI-N-20
Conventional 60mm Culture Dish or Chamlide Magnetic Chambers		
		
SI-K-30	SI-M-30	SI-N-30
Conventional 100mm Culture Dish or Chamlide Magnetic Chambers		
		
SI-K-40	SI-M-40	SI-N-40
Slide Glass or Chamlide Magnetic Chambers		
		
SI-K-50	SI-M-50	SI-N-50
Conventional Well Plate or Chamlide Magnetic Chambers		

Chamlide Glassware

1. Highest Quality Glass

Chamlide glassware are made of the best quality glass whose thickness and size are even.

2. A Variety of Sizes

Chamlide glassware is diverse for the special purposes.

3. Convenient Packaging

50, 100 or 200 glassware per box is packed in the proper thickness and size for the applications.

Chamlide Glassware
Slide Glass/ Coverslip

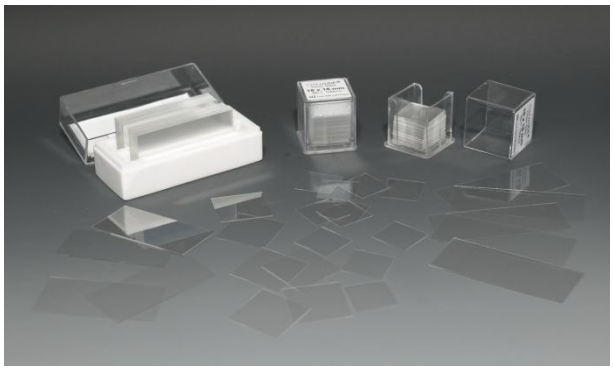
Chamlide Microscope Slide Glass

Model No.	Product
70010128H	Slide glass, Ground Edges, Plain, 45° Clipped Corners. 50pcs/box
70010528H	Slide glass, Ground Edges Frosted One End Both Sides, 45° Clipped Corners. 50pcs/box

Adhesive Microscope Slide Glass

Model No.	Product
70039534A	Adhesion slide glass, silanized., 50pcs/box

Square / Rectangular Coverslip



Model No.	Product
70051818S	Cover Glass, 18x18mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 200pcs/box.
70052020S	Cover Glass, 20x20mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 200pcs/box.
70052222S	Cover Glass, 22x22mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 200pcs/box.
70052424S	Cover Glass, 24x24mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 200pcs/box.
70072232F	Cover Glass, 22x32mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072432F	Cover Glass, 24x32mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072240F	Cover Glass, 22x40mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072440F	Cover Glass, 24x40mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072250F	Cover Glass, 22x50mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072450F	Cover Glass, 24x50mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072260F	Cover Glass, 22x60mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70072460F	Cover Glass, 24x60mm. Borosilicate Glass. Thickness 1.0#. Hinged-lid box. 100pcs/box.
70091137B	Cover Glass, 113x75mm. Borosilicate Glass. Thickness 1.5#. 100pcs/box. For Chamlide magnetic well plate type chamber

What is Chamlide™

Chamlide™ is the trademark for observation chambers and incubator systems developed by **Live Cell Instrument Co.,LTD (LCI)**.
Chamlide™ includes Chamlide Chamber Systems and Chamlide Incubator Systems.
Chamlide™ is a combined word for "chamber" and "slide".

All Chamlide magnetic chambers and Chamlide Incubator Systems are patented or pending patents.

Chamlide TC (Incubator System for Various Types of Chambers)

TC-L-10 Chamlide TC

TC-L-Z101	TC incubator cover
TC-L-Z102	TC incubator main body
TC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
TC-L-Z004	Lens warmer
TC-L-Z005	Humidifier
TC-L-Z006-11	Adaptor for Nunc Lab-Tek™ II Chamber Slides
TC-L-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
TC-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
TC-L-Z006-41	Adaptor for well-slide & Chamlide 2-hole bottom plate
TC-L-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
TC-L-Z006-00	Adaptor bolts
TC-L-Z007	Gas control speed valve for 4ø tubing
TC-L-Z008	Communication cable (RS232-communication with computer)
TC-L-Z009	2ø(O.D) tubing (for perfusion)
TC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
TC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
TC-L-Z012	Spare fuse
TC-L-Z013	AC power cable
TC-L-Z014	Ring holder for small 35mm culture dish
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SG-C-30	Special glass cover for disposable chamber slides or chambered coverglass
SW-C-007	Software Chamlide CCP 7 (CD)
TC-L-Z120	(Option) Chamlide TC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
TC-L-Z006-21	(Option) Adaptor for slide glass (slim type)
TC-L-Z006-22	(Option) Adaptor for cover glass (slim type)
TC-L-Z006-32	(Option) Adaptor for 35mm 2-dishes type chamber or 35mm 2-dishes type magnetic chamber
TC-L-Z006-xx	(Option) Adaptor for other type

TC-L-20 Chamlide TC-A (ASI or LUDL Piezo Z-Stage Type)

TC-L-Z201	TC-A incubator cover (ASI or LUDL Piezo Z-stage type)
TC-L-Z202	TC-A incubator main body (ASI or LUDL Piezo Z-stage type)
TC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
TC-L-Z004	Lens warmer
TC-L-Z005	Humidifier
TC-L-Z006-11	Adaptor for Nunc Lab-Tek™ II Chamber Slides
TC-L-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
TC-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
TC-L-Z006-41	Adaptor for well-slide & Chamlide 2-hole bottom plate
TC-L-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
TC-L-Z006-00	Adaptor bolts
TC-L-Z007	Gas control speed valve for 4ø tubing
TC-L-Z008	Communication cable (RS232-communication with computer)
TC-L-Z009	2ø(O.D) tubing (for perfusion)
TC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
TC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
TC-L-Z012	Spare fuse
TC-L-Z013	AC power cable
TC-L-Z014	Ring holder for small 35mm culture dish
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SG-C-30	Special glass cover for disposable chamber slides or chambered coverglass
SW-C-007	Software Chamlide CCP 7 (CD)
TC-L-Z120	(Option) Chamlide TC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
TC-L-Z006-21	(Option) Adaptor for slide glass (slim type)
TC-L-Z006-22	(Option) Adaptor for cover glass (slim type)
TC-L-Z006-32	(Option) Adaptor for 35mm 2-dishes type chamber or 35mm 2-dishes type magnetic chamber
TC-L-Z006-xx	(Option) Adaptor for other type

TC-L-30 Chamlide TC-L (Piezo Z-Stage, Well Plate Size Type)

TC-L-Z301	TC-L incubator cover (piezo z-stage, Well plate size type)
TC-L-Z302	TC-L incubator main body (piezo z-stage, Well plate size type)
TC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
TC-L-Z004	Lens warmer
TC-L-Z005	Humidifier
TC-L-Z006-11	Adaptor for Nunc Lab-Tek™ II Chamber Slides
TC-L-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
TC-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
TC-L-Z006-41	Adaptor for well-slide & Chamlide 2-hole bottom plate
TC-L-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
TC-L-Z006-00	Adaptor bolts
TC-L-Z007	Gas control speed valve for 4ø tubing
TC-L-Z008	Communication cable (RS232-communication with computer)
TC-L-Z009	2ø(O.D) tubing (for perfusion)
TC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
TC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
TC-L-Z012	Spare fuse
TC-L-Z013	AC power cable
TC-L-Z014	Ring holder for small 35mm culture dish
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SG-C-30	Special glass cover for disposable chamber slides or chambered coverglass
SW-C-007	Software Chamlide CCP 7 (CD)
TC-L-Z120	(Option) Chamlide TC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
TC-L-Z006-21	(Option) Adaptor for slide glass (slim type)
TC-L-Z006-22	(Option) Adaptor for cover glass (slim type)
TC-L-Z006-32	(Option) Adaptor for 35mm 2-dishes type chamber or 35mm 2-dishes type magnetic chamber
TC-L-Z006-xx	(Option) Adaptor for other type

TC-L-40 Chamlide TC-P (Prior or Leica Piezo Z-Stage Type)

TC-L-Z401	TC-P incubator cover
TC-L-Z402	TC-P incubator main body
TC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
TC-L-Z004	Lens warmer
TC-L-Z005	Humidifier
TC-L-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
TC-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
TC-L-Z006-00	Adaptor bolts
TC-L-Z007	Gas control speed valve for 4ø tubing
TC-L-Z008	Communication cable (RS232-communication with computer)
TC-L-Z009	2ø(O.D) tubing (for perfusion)
TC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
TC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
TC-L-Z012	Spare fuse
TC-L-Z013	AC power cable
TC-L-Z014	Ring holder for small 35mm culture dish
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SG-C-30	Special glass cover for disposable chamber slides or chambered coverglass
SW-C-007	Software Chamlide CCP 7 (CD)
TC-L-Z120	(Option) Chamlide TC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
TC-L-Z006-22	(Option) Adaptor for cover glass (slim type)
TC-L-Z006-xx	(Option) Adaptor for other type

TC-L-50 Chamlide TC-G (Leica Z-Galvo Stage Type)

TC-L-Z501	TC-G incubator cover (Leica Z-Galvo stage type)
TC-L-Z502	TC-G incubator main body (Leica Z-Galvo stage type)
TC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
TC-L-Z004	Lens warmer
TC-L-Z005	Humidifier
TC-L-Z006-11	Adaptor for Nunc Lab-Tek™ II Chamber Slides
TC-L-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
TC-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
TC-L-Z006-41	Adaptor for well-slide & Chamlide 2-hole bottom plate
TC-L-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
TC-L-Z006-00	Adaptor bolts
TC-L-Z007	Gas control speed valve for 4ø tubing
TC-L-Z008	Communication cable (RS232-communication with computer)
TC-L-Z009	2ø(O.D) tubing (for perfusion)
TC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
TC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
TC-L-Z012	Spare fuse
TC-L-Z013	AC power cable
TC-L-Z014	Ring holder for small 35mm culture dish
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SG-C-30	Special glass cover for disposable chamber slides or chambered coverglass
SW-C-007	Software Chamlide CCP 7 (CD)
TC-L-Z120	(Option) Chamlide TC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
TC-L-Z006-21	(Option) Adaptor for slide glass (slim type)
TC-L-Z006-22	(Option) Adaptor for cover glass (slim type)
TC-L-Z006-32	(Option) Adaptor for 35mm 2-dishes type chamber or 35mm 2-dishes type magnetic chamber
TC-L-Z006-xx	(Option) Adaptor for other type

TC-L-60 Chamlide TC-N (Nikon Piezo Z-stage Type)

TC-L-Z601	TC-N incubator cover (Nikon Piezo Z-stage type)
TC-L-Z602	TC-N incubator main body (Nikon piezo z-stage type)
TC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
TC-L-Z004	Lens warmer
TC-L-Z005	Humidifier
TC-L-Z006-11	Adaptor for Nunc Lab-Tek™ II Chamber Slides
TC-L-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
TC-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
TC-L-Z006-41	Adaptor for well-slide & Chamlide 2-hole bottom plate
TC-L-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
TC-L-Z006-00	Adaptor bolts
TC-L-Z007	Gas control speed valve for 4ø tubing
TC-L-Z008	Communication cable (RS232-communication with computer)
TC-L-Z009	2ø(O.D) tubing (for perfusion)
TC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
TC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
TC-L-Z012	Spare fuse
TC-L-Z013	AC power cable
SG-C-40	Special glass cover for disposable chamber slides or chambered coverglass
TC-L-Z120	(Option) Chamlide TC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
TC-L-Z006-21	(Option) Adaptor for slide glass (slim type)
TC-L-Z006-22	(Option) Adaptor for cover glass (slim type)
TC-L-Z006-32	(Option) Adaptor for 35mm 2-dishes type chamber or 35mm 2-dishes type magnetic chamber
TC-L-Z006-xx	(Option) Adaptor for other type

TC-L-XX Chamlide TC-X (Other Stage Type)

Chamlide WP (Incubator System for Commercial Well Plates & Chamlide Chambers)

WP-S-10A Chamlide WP (6-Well Plate)

WP-S-Z101	WP incubator cover
WP-S-Z102A	WP incubator main body for 06 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-10B Chamlide WP (12-Well Plate)

WP-S-Z101	WP incubator cover
WP-S-Z102B	WP incubator main body for 12 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-10C Chamlide WP (24-Well Plate)

WP-S-Z101	WP incubator cover
WP-S-Z102C	WP incubator main body for 24 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-10D Chamlide WP (48-Well Plate)

WP-S-Z101	WP incubator cover
WP-S-Z102D	WP incubator main body for 48 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-10E Chamlide WP (96-Well Plate)

WP-S-Z101	WP incubator cover
WP-S-Z102E	WP incubator main body for 96 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-10F Chamlide WP (A Hole for Multi-Well Plate)

WP-S-Z101	WP incubator cover
WP-S-Z102F	WP incubator main body for multi-well plate (A hole type)
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-20A Chamlide WP-A (ASI / LUDL Piezo Z-Stage Type 6-Well Plate)

WP-S-Z201	WP-A incubator cover
WP-S-Z202A	WP-A incubator main body for 6-well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates

SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-20B Chamlide WP-A (ASI / LUDL Piezo Z-Stage Type – 12-Well Plate)

WP-S-Z201	WP-A incubator cover
WP-S-Z202B	WP-A incubator main body for 12 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-20C Chamlide WP-A (ASI / LUDL Piezo Z-Stage Type – 24-Well Plate)

WP-S-Z201	WP-A incubator cover
WP-S-Z202C	WP-A incubator main body for 24 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-20D Chamlide WP-A (ASI / LUDL Piezo Z-Stage Type – 48-Well Plate)

WP-S-Z201	WP-A incubator cover
WP-S-Z202D	WP-A incubator main body for 48 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-20E Chamlide WP-A (ASI / LUDL Piezo Z-Stage Type – 96-Well Plate)

WP-S-Z201	WP-A incubator cover
WP-S-Z202E	WP-A incubator main body for 96 well plate
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-20F Chamlide WP-A (ASI / LUDL Piezo Z-Stage Type - A hole for Multi-Well Plate)

WP-S-Z201	WP-A incubator cover
WP-S-Z202F	WP-A incubator main body for multi-well plate (A hole type)
WP-S-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
WP-S-Z004	Lens warmer
WP-S-Z005	Humidifier
WP-S-Z006	Gas control speed valve for 4ø tubing
WP-S-Z007	Communication cable (RS232-communication with computer)
WP-S-Z008	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
WP-S-Z009	6ø(O.D) tubing (from humidifier to incubator)
WP-S-Z012	Spare fuse
WP-S-Z013	AC power cable
SG-C-40	Special glass cover for commercial well plates
SW-C-007	Software Chamlide CCP 7 (CD)
WP-S-Z120	(Option) Chamlide WP water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

WP-S-XXX Chamlide WP-X (Other Stage Type / XX Well Plate)

Chamlide IC (Incubator System for Commercial 35mm Dishes & Chamlide Chambers)

IC-L-10	Chamlide IC
IC-L-Z101	IC incubator cover
IC-L-Z102	IC incubator main body
IC-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
IC-L-Z004	Lens warmer
IC-L-Z005	Humidifier
IC-L-Z007	Gas control speed valve for 4ø tubing
IC-L-Z008	Communication cable (RS232-communication with computer)
IC-L-Z009	2ø(O.D) tubing (for perfusion)
IC-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
IC-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
IC-L-Z012	Spare fuse
IC-L-Z013	AC power cable
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SW-C-007	Software Chamlide CCP 7 (CD)
IC-L-Z120	(Option) Chamlide IC water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer

Chamlide UM (Incubator System for Upright Microscope)

UM-L-10 Chamlide UM

UM-L-Z101	UM incubator cover
UM-L-Z102	UM incubator main body
UM-L-Z003	Touch screen 4-channel temperature & Gas flow rate controller with EX. Sensor port (CU-501)
UM-L-Z004	Lens warmer
UM-L-Z005	Humidifier
UM-L-Z006-21	Adaptor for slide glass (slim type)
UM-L-Z006-31	Adaptor for 35 mm culture dish or 35mm dish upright type magnetic chamber
UM-L-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
UM-L-Z006-00	Adaptor bolts
UM-L-Z007	Gas control speed valve for 4ø tubing
UM-L-Z008	Communication cable (RS232-communication with computer)
UM-L-Z009	2ø(O.D) tubing (for perfusion)
UM-L-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
UM-L-Z011	6ø(O.D) tubing (from humidifier to incubator)
UM-L-Z012	Spare fuse
UM-L-Z013	AC power cable
UM-L-Z014	Ring holder for small 35mm culture dish
UM-L-Z015	3 kinds of upper rings (depends on lens diameter)
UM-L-Z016	3 kinds of under rings (depends on lens diameter)
SW-C-007	Software Chamlide CCP 7 (CD)
UM-L-Z120	(Option) Chamlide UM water reservoir
TS-B	(Option) PT 100 sensor to connect with CU-501 controller
LW-M-10	(Option) Metal Lens warmer
UM-L-Z006-22	(Option) Adaptor for cover glass (slim type)
UM-L-Z006-xx	(Option) Adaptor for other type

Incubator holder (Stage adaptors for Chamlide incubator systems)

Incubator Holder for Chamlide TC

HS-T-10	Olympus manual stage type incubator holder for Chamlide TC
HS-T-20	Nikon manual stage type incubator holder for Chamlide TC
HS-T-30	Leica mounting frame M type incubator holder for Chamlide TC
HS-T-40	Zeiss mounting frame M type incubator holder for Chamlide TC
HS-T-50	Nikon Ti motorized stage type incubator holder for Chamlide TC
HS-T-XX	Other stage type incubator holder for Chamlide TC

Incubator Holder for Chamlide WP

HS-W-10	Olympus manual stage type incubator holder for Chamlide WP
HS-W-20	Nikon manual stage type incubator holder for Chamlide WP
HS-W-30	Leica mounting frame M type incubator holder for Chamlide WP
HS-W-40	Zeiss mounting frame M type incubator holder for Chamlide WP
HS-W-50	Nikon Ti motorized stage type incubator holder for Chamlide WP
HS-W-XX	Other stage type incubator holder for Chamlide WP

Incubator Holder for Chamlide IC

HS-I-10	Olympus manual stage type incubator holder for Chamlide IC
HS-I-20	Nikon manual stage type incubator holder for Chamlide IC
HS-I-30	Leica mounting frame K type incubator holder for Chamlide IC
HS-I-40	Zeiss mounting frame K type incubator holder for Chamlide IC
HS-I-50	Leica mounting frame M type incubator holder for Chamlide IC
HS-I-60	Zeiss mounting frame M type incubator holder for Chamlide IC
HS-I-70	Nikon Ti motorized stage type incubator holder for Chamlide IC
HS-I-XX	Other stage type incubator holder for Chamlide IC

FC-5N (Automatic CO_2/Air mixer)

FC-N-10	FC-5N
FC-N-Z101	Touch screen automatic CO2/Air mixer with electronic flow meter
FC-N-Z102	Gas control speed valve for 4ø tubing
FC-N-Z103	Communication cable (RS232-communication with computer)
FC-N-Z104	Communication cable (RS485-communication with CU-501)
FC-N-Z105	4ø(O.D) tubing (from gas cylinder to gas-in fitting of CU-501 controller - via gas-in,out fitting of FC-5)
FC-N-Z106	6ø(O.D) tubing (from 4ø(O.D) tubing to incubator)
FC-N-Z107	Spare fuse
FC-N-Z108	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)

FC-HF-30	FC-5HF-30 (High Flow Rate Automatic CO_2/Air Mixer, Max 2.5 L/min)
FC-HF-Z101	Automatic CO2/Air mixer with high flow meter (2.5L/min)
FC-HF-Z102	Gas control speed valve for 4ø tubing
FC-HF-Z105	4ø(O.D) tubing (from gas cylinder to gas-in fitting of CU-501 controller - via gas-in,out fitting of FC-5)
FC-HF-Z106	6ø(O.D) tubing (from 4ø(O.D) tubing to incubator)
FC-HF-Z107	Spare fuse
FC-HF-Z108	AC power cable

FC-HF-300	FC-5HF-300 (Very High Flow Rate Automatic CO_2/Air Mixer, Max 30 L/min)
FC-HF-Z301	Automatic CO2/Air mixer with high flow meter (30L/min)
FC-HF-Z102	Gas control speed valve for 4ø tubing
FC-HF-Z105	4ø(O.D) tubing (from gas cylinder to gas-in fitting of CU-501 controller - via gas-in,out fitting of FC-5)
FC-HF-Z106	6ø(O.D) tubing (from 4ø(O.D) tubing to incubator)
FC-HF-Z107	Spare fuse
FC-HF-Z108	AC power cable
FC-HF-XX	FC-5HF for Other Flow Rate

FC-9 (Automatic O_2/CO_2/N_2 Mixer)

FC-R-50	Chamlide FC-9 (Automatic CO2/O2/N2 Mixer)
FC-R-Z501	Touch screen automatic CO2/O2/N2 mixer with electronic flow meter
FC-R-Z502	Gas control speed valve for 4ø tubing
FC-R-Z503	Communication cable (RS232-communication with computer)
FC-R-Z504	Communication cable (RS485-communication with CU-501)
FC-R-Z505	4ø(O.D) tubing (from gas cylinder to gas-in fitting of CU-501 controller - via gas-in,out fitting of FC-9)
FC-R-Z506	6ø(O.D) tubing (from 4ø(O.D) tubing to incubator)
FC-R-Z507	Spare fuse
FC-R-Z508	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)

Chamlide HX (Acrylic Cage Incubator)

Chamlide HX for Olympus Microscope

HX-S-Z101	Acrylic cage incubator for Olympus microscope with other devices
HX-S-Z002	Touch screen HX temperature controller with warm air blower controller
HX-S-Z003	Flex hose (from warm air blower to acryl cage incubator)
HX-S-Z004	Communication cable (RS232-communication with computer)
HX-S-Z005	Extension cable (from warm air blower to controller)
HX-S-Z006	Spare fuse
HX-S-Z007	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
NH-TC-L-001	(Option) One of Chamlide TC without heater system & a hole type Chamlide WP main body without heater
HX-S-Z0022	(Option) Touch screen HX type 2-channel temperature controller (CU-302)
HX-S-Z0023	(Option) Touch screen HX type 1-channel temperature controller with EX. Sensor port (CU-303)

Chamlide HX for Nikon Microscope

HX-S-Z201	Acrylic cage incubator for Nikon microscope with other devices
HX-S-Z002	Touch screen HX temperature controller with warm air blower controller
HX-S-Z003	Flex hose (from warm air blower to acryl cage incubator)
HX-S-Z004	Communication cable (RS232-communication with computer)
HX-S-Z005	Extension cable (from warm air blower to controller)
HX-S-Z006	Spare fuse
HX-S-Z007	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
NH-TC-L-N001	(Option) One of Chamlide TC without heater system & a hole type Chamlide WP main body without heater
HX-S-Z0022	(Option) Touch screen HX type 2-channel temperature controller (CU-302)
HX-S-Z0023	(Option) Touch screen HX type 1-channel temperature controller with EX. Sensor port (CU-303)

Chamlide HX for Zeiss Microscope

HX-S-Z301	Acrylic cage incubator for Zeiss microscope with other devices
HX-S-Z002	Touch screen HX temperature controller with warm air blower controller
HX-S-Z003	Flex hose (from warm air blower to acryl cage incubator)
HX-S-Z004	Communication cable (RS232-communication with computer)
HX-S-Z005	Extension cable (from warm air blower to controller)
HX-S-Z006	Spare fuse
HX-S-Z007	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
NH-TC-L-N001	(Option) One of Chamlide TC without heater system & a hole type Chamlide WP main body without heater (
HX-S-Z0022	(Option) Touch screen HX type 2-channel temperature controller (CU-302)
HX-S-Z0023	(Option) Touch screen HX type 1-channel temperature controller with EX. Sensor port (CU-303)

Chamlide HX for Leica Microscope

HX-S-Z401	Acryl cage incubator for Leica microscope with other devices
HX-S-Z002	Touch screen HX temperature controller with warm air blower controller
HX-S-Z003	Flex hose (from warm air blower to acryl cage incubator)
HX-S-Z004	Communication cable (RS232-communication with computer)
HX-S-Z005	Extension cable (from warm air blower to controller)
HX-S-Z006	Spare fuse
HX-S-Z007	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
NH-TC-L-N001	(Option) One of Chamlide TC without heater system & a hole type Chamlide WP main body without heater (
HX-S-Z0022	(Option) Touch screen HX type 2-channel temperature controller (CU-302)
HX-S-Z0023	(Option) Touch screen HX type 1-channel temperature controller with EX. Sensor port (CU-303)

HX-S-XX	Chamlide HX for Other Microscope

Heating plate (Heating Plate for Various Types of Chambers)

Olympus Manual Stage Type Heating Plate

HP-R-10	One of the heating plate base for Olympus manual stage
HP-R-Z101	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z002	Communication cable (RS232-communication with computer)
HP-R-Z003	Spare fuse
HP-R-Z004	AC power cable
HP-R-Z005	Software Chamlide CCP 7 (CD)
SW-C-007	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0022	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-Z0023	

Nikon Manual Stage Type Heating Plate

HP-R-20	One of the heating plate base for Nikon manual stage
HP-R-Z201	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z002	Communication cable (RS232-communication with computer)
HP-R-Z003	Spare fuse
HP-R-Z004	AC power cable
HP-R-Z005	Software Chamlide CCP 7 (CD)
SW-C-007	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0022	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-Z0023	

Leica Mounting Frame K Type Heating Plate

HP-R-30	One of the heating plate base for Leica mounting frame K type
HP-R-Z301	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z002	Communication cable (RS232-communication with computer)
HP-R-Z003	Spare fuse
HP-R-Z004	AC power cable
HP-R-Z005	Software Chamlide CCP 7 (CD)
SW-C-007	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0022	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-Z0023	

Zeiss Mounting Frame K Type Heating Plate

HP-R-40	One of the heating plate base for Zeiss mounting frame K type
HP-R-Z401	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z002	Communication cable (RS232-communication with computer)
HP-R-Z003	Spare fuse
HP-R-Z004	AC power cable
HP-R-Z005	Software Chamlide CCP 7 (CD)
SW-C-007	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0022	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-Z0023	

Leica Mounting Frame M type Heating Plate

HP-R-50	One of the heating plate base for Leica mounting frame M type
HP-R-Z501	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z002	Communication cable (RS232-communication with computer)
HP-R-Z003	

HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HP-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-60	**Zeiss Mounting Frame M Type heating plate**
HP-R-Z601	One of the heating plate base for Zeiss mounting frame M type
HP-R-Z002	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z003	Communication cable (RS232-communication with computer)
HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HP-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-70	**Nikon Ti Motorized Stage Type Heating Plate**
HP-R-Z701	One of the heating plate base for Nikon Ti motorized stage type
HP-R-Z002	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z003	Communication cable (RS232-communication with computer)
HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HP-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-80	**ASI,LUDL Piezo Z-Stage Type Heating Plate**
HP-R-Z801	One of the heating plate base for ASI,LUDL piezo z-stage type
HP-R-Z002	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z003	Communication cable (RS232-communication with computer)
HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HP-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-90	**Well Plate Size Heating Plate**
HP-R-Z901	One of the heating plate base for Well plate size
HP-R-Z002	Touch screen 1-channel temperature controller (CU-301)
HP-R-Z003	Communication cable (RS232-communication with computer)
HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HP-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HP-R-XX	**Other Type Heating Plate**
Pre-Heating Plate	
PH-S-10	**Pre Heating Plate**
PH-S-Z001	One of the pre-heating plate base (160mm x 230mm)
PH-S-Z002	Touch screen 1-channel temperature controller (CU-301)
PH-S-Z003	Communication cable (RS232-communication with computer)
PH-S-Z004	Spare fuse
PH-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HP-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HP-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
PH-S-XX	**Other Size Pre-Heating Plate**
Heating Glass	**(Heating Glass for Various Types of Chambers)**
HG-S-10	**Olympus Manual Stage Type Heating Glass**
HG-S-Z101	One of the heating glass base for Olympus manual stage
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-20	**Nikon Manual Stage Type Heating Glass**
HG-S-Z201	One of the heating glass base for Nikon manual stage
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-30	**Leica Mounting Frame K Type Heating Glass**
HG-S-Z301	One of the heating glass base for Leica mounting frame K type
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-40	**Zeiss Mounting Frame K Type Heating Glass**
HG-S-Z401	One of the heating glass base for Zeiss mounting frame K type
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-50	**Leica Mounting Frame M Type Heating Glass**
HG-S-Z501	One of the heating glass base for Leica mounting frame M type
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-60	**Zeiss Mounting Frame M Type Heating Glass**
HG-S-Z801	One of the heating glass base for Zeiss mounting frame M type
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-70	**Nikon Ti Motorized Stage Type Heating Glass**
HG-S-Z701	One of the heating glass base for Nikon Ti motorized stage type
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-80	**ASI,LUDL Piezo Z-Stage Type Heating Glass**
HG-S-Z801	One of the heating glass base for ASI,LUDL piezo z-stage type
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-90	**Well Plate Size Heating Glass**
HG-S-Z901	One of the heating glass base for Well plate size
HG-S-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-S-Z003	Communication cable (RS232-communication with computer)
HG-S-Z004	Spare fuse
HG-S-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-S-XX	**Other Type Heating Glass**
Table Type Heating Glass	
HG-T-10	**Table Type Heating Glass**
HG-T-Z101	Table type heating glass, 430(w) x 209(d) x 75~115(h), 330 x 171mm rectangular shape glass size.
HG-T-Z002	Touch screen 1-channel temperature controller (CU-301)
HG-T-Z003	Communication cable (RS232-communication with computer)
HG-T-Z004	Spare fuse
HG-T-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
HG-S-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
HG-S-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
HG-T-XX	**Other Table Type Heating Glass**

Chamlide CH	**(Cooling/Heating Plate for Various Types of Chambers)**
CH-R-10	**Cooling Fan Type Cooling/Heating Plate**
HP-R-Z101	One of the Cooling fan type cooling/heating plate
HP-R-Z002	1-channel temperature controller
HP-R-Z003	Communication cable (RS232-communication with computer)
HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
CH-R-20	**Radiator type cooling/heating plate**
HP-R-Z201	One of the Radiator type cooling/heating plate
HP-R-Z002	1-channel temperature controller
HP-R-Z003	Communication cable (RS232-communication with computer)
HP-R-Z004	Spare fuse
HP-R-Z005	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
IHS-101	**(Fluidic Inline Heater)**
IL-H-10	**IHS-101**
IL-H-Z101	IHS fluidic inline heater main body
IL-H-Z002	Touch screen 1-channel temperature controller (CU-301)
IL-H-Z003C	Supporting arm on/off magnetic type
IL-H-Z003M	(Option) Can be chosen "supporting arm clamp type" instead of "supporting arm on/off magnet type"
IL-H-Z004	2ø(O.D) tubing (for perfusion)
IL-H-Z005	Tubing connectors for 2ø(O.D) tubing
IL-H-Z006	Communication cable (RS232-communication with computer)
IL-H-Z007	Spare fuse
IL-H-Z008	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
IL-H-Z010	(Option) Peristaltic pump
IL-H-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
IL-H-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
IHS-801	**(8-Channel Fluidic Inline Heater)**
IL-H-80	**IHS-801**
IL-H-Z801	IHS fluidic inline heater main body
IL-H-Z002	Touch screen 1-channel temperature controller (CU-301)
IL-H-Z003C	Supporting arm on/off magnetic type
IL-H-Z003M	(Option) Can be chosen "supporting arm clamp type" instead of "supporting arm on/off magnet type"
IL-H-Z004	2ø(O.D) tubing (for perfusion)
IL-H-Z005	Tubing connectors for 2ø(O.D) tubing
IL-H-Z006	Communication cable (RS232-communication with computer)
IL-H-Z007	Spare fuse
IL-H-Z008	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
IL-H-Z010	(Option) Peristaltic pump
IL-H-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
IL-H-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
IHC-101	**(Fluidic Inline Solution Cooler/Heater)**
IHC-R-10	**Cooling Fan Type Fluidic Inline Solution Cooler/Heater**
IHC-R-Z101	Cooling fan type Fluidic inline solution cooler/heater main body
IHC-R-Z002	Touch screen 1-channel temperature controller (CU-301)
IHC-R-Z003S	(Option) Customized supporting arm
IHC-R-Z004	2ø(O.D) tubing (for perfusion)
IHC-R-Z005	Tubing connectors for 2ø(O.D) tubing
IHC-R-Z006	Communication cable (RS232-communication with computer)
IHC-R-Z007	Spare fuse
IHC-R-Z008	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
IHC-R-Z010	(Option) Peristaltic pump
IHC-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
IHC-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
IHC-R-20	**Radiator Type Fluidic Inline Solution Cooler/Heater**
IHC-R-Z201	Radiator type Fluidic inline solution cooler/heater main body
IHC-R-Z002	Touch screen 1-channel temperature controller (CU-301)
IHC-R-Z003S	(Option) Customized supporting arm
IHC-R-Z004	2ø(O.D) tubing (for perfusion)
IHC-R-Z005	Tubing connectors for 2ø(O.D) tubing
IHC-R-Z006	Communication cable (RS232-communication with computer)
IHC-R-Z007	Spare fuse
IHC-R-Z008	AC power cable
SW-C-007	Software Chamlide CCP 7 (CD)
IHC-R-Z010	(Option) Peristaltic pump
IHC-R-Z0022	(Option) Touch screen 2-channel temperature controller (CU-302)
IHC-R-Z0023	(Option) Touch screen 1-channel temperature controller with EX. Sensor port (CU-303)
Chamlide TR	**(Temperature Ramping Control System)**
TR-H-30	**Chamlide TR Heating Stage System for Microscope (Max 300℃)**
TR-H-Z301	Heating stage of TR-H-30
TR-H-Z002	Heating stage temperature controller (CU-109H)
TR-H-Z003	Communication cable (RS232-communication with computer)
TR-H-Z004	Spare fuse
TR-H-Z005	AC power cable
TR-H-Z006	TRCS ver 3.1 (Temperature ramping control system)
TR-H-50	**Chamlide TR Heating Stage System for Microscope (Max 500℃)**
TR-H-Z301	Heating stage of TR-H-50
TR-H-Z002	Heating stage temperature controller (CU-109H)
TR-H-Z003	Communication cable (RS232-communication with computer)
TR-H-Z004	Spare fuse
TR-H-Z005	AC power cable
TR-H-Z006	TRCS ver 3.1 (Temperature ramping control system)
TR-H-XX	**Chamlide TR Heating Stage System for Microscope (Max XX℃)**
MPS-8	**(Multi-Valve Perfusion System)**
MV-S-10	**8-Channel Valve Perfusion System for 10cc Syringe**
MV-S-Z101	MPS-8 devices for 10cc syringe - MPS-8 prop with pole - MPS-8 syringe holder for 10cc syringe
MV-S-Z002	MPS-8 controller
MV-S-Z103	10cc syringes (8ea)
MV-S-Z004	3-way cocks for syringes (8ea)
MV-S-Z005	2ø(O.D) tubing (for perfusion)
MV-S-Z006	Communication cable (RS232-communication with MPS-8 controller)
MV-S-Z007	Communication cable (RS232-communication with computer)
MV-S-Z008	Spare fuse
MV-S-Z009	AC power cable
SW-C-005	Software Chamlide MPS v1.00 (CD)
MV-S-Z010	(Option) Aqua pump with air distributor
MV-S-30	**8-Channel Valve Perfusion System for 30cc Syringe**
MV-S-Z301	MPS-8 devices for 30cc syringe - MPS-8 prop with pole - MPS-8 syringe holder for 30cc syringe
MV-S-Z002	MPS-8 controller
MV-S-Z303	30cc syringes (8ea)
MV-S-Z004	3-way cocks for syringes (8ea)
MV-S-Z005	2ø(O.D) tubing (for perfusion)
MV-S-Z006	Communication cable (RS232-communication with MPS-8 controller)
MV-S-Z007	Communication cable (RS232-communication with computer)
MV-S-Z008	Spare fuse
MV-S-Z009	AC power cable
SW-C-005	Software Chamlide MPS v1.00 (CD)
MV-S-Z010	(Option) Aqua pump with air distributor
MV-S-50	**8-Channel Valve Perfusion System for 50cc Syringe**
MV-S-Z501	MPS-8 devices for 50cc syringe - MPS-8 prop with pole - MPS-8 syringe holder for 50cc syringe
MV-S-Z002	MPS-8 controller
MV-S-Z503	50cc syringes (8ea)
MV-S-Z004	3-way cocks for syringes (8ea)
MV-S-Z005	2ø(O.D) tubing (for perfusion)
MV-S-Z006	Communication cable (RS232-communication with MPS-8 controller)
MV-S-Z007	Communication cable (RS232-communication with computer)
MV-S-Z008	Spare fuse
MV-S-Z009	AC power cable
SW-C-005	Software Chamlide MPS v1.00 (CD)
MV-S-Z010	(Option) Aqua pump with air distributor
MV-S-XX	**8-Channel Valve Perfusion System for Other Size Syringe**
Chamlide CP	**(Water Circulation Plate with Water Circulation Bath)**
CP-R-10	**Chamlide CP (Water Circulation Plate with Water Circulation Bath)**
CP-R-Z001	Water circulation plate
CP-R-Z002	Water circulation cover
CP-R-Z003	Water circulation lens winder
CP-R-Z004	Table-top controller with water circulation bath (control temp. -20~100℃)
CP-R-Z006-11	Adaptor for Nunc Lab-Tek™ II Chamber Slides
CP-R-Z006-12	Adaptor for Nunc Lab-Tek™ II Chambered Coverglass
CP-R-Z006-31	Adaptor for 35 mm culture dish or 35mm dish type magnetic chamber
CP-R-Z006-41	Adaptor for well-slide & Chamlide 2-hole bottom plate
CP-R-Z006-51	Adaptor for 50/60 mm culture dish or 50/60 mm dish type magnetic chamber
CP-R-Z006-00	Adaptor bolts
CP-R-Z007	Gas control speed valve for 4ø tubing
CP-R-Z008	Communication cable (RS232-communication with computer)

CP-R-Z009	2ø(O.D) tubing (for perfusion)
CP-R-Z010	4ø(O.D) tubing (from gas cylinder to humidifier - via gas-in,out fitting of controller)
CP-R-Z011	6ø(O.D) tubing (from humidifier to incubator)
CP-R-Z012	Spare fuse
CP-R-Z013	AC power cable
CP-R-Z014	Ring holder for small 35mm culture dish
CM-B18-1	Chamlide CMB for 18mm round coverslips include spare o-rings
CM-B25-1	Chamlide CMB for 25mm round coverslips include spare o-rings
SG-C-10	Special glass cover for 35mm culture dish
SG-C-30	Special glass cover for disposable chamber slides or chambered coverglass
SW-C-007	Software Chamlide CCP 7 (CD)
CP-R-Z006-21	(Option) Adaptor for slide glass (slim type)
CP-R-Z006-22	(Option) Adaptor for cover glass (slim type)
CP-R-Z006-32	(Option) Adaptor for 35mm 2-dishes type chamber or 35mm 2-dishes type magnetic chamber
CP-R-Z006-xx	(Option) Adaptor for other type

VC-3 (Valve Controller for 3-Circulation Water Chiller)

VC-R-3	VC-3

In Vivo Imaging Stage System (Mouse and Rat In Vivo Imaging Stage for Upright Microscope)

US-M-10	Motorized stage for animal experimental up-right microscope
US-A-70	Anesthesia machine
US-R-20	Heating plate with stereotactic device for mouse
US-R-11	(Option) Heating plate with stereotaxic device for mouse (rectangular block type)
US-R-12	(Option) Heating plate with stereotaxic device for mouse (ring type)
US-R-13	(Option) Heating plate with stereotaxic device for mouse (stereotactic type)
US-R-14	(Option) Heating plate with stereotaxic device for mouse (intestine holder type)

FS-1 (IVF Chamber)

FS-R	IVF Environmental Chamber
FS-R-10	IVF environmental chamber for Olympus microscope
FS-R-20	IVF environmental chamber for Nikon microscope
FS-R-30	IVF environmental chamber for Zeiss microscope
FS-R-40	IVF environmental chamber for Leica microscope
FS-R-XX	IVF environmental chamber for other microscope

CR Series (Temperature Indicator)

TS-B	PT 100 Sensor Connector (Can be connect with CU-109/CU-501)
TS-M	Temperature Indicator with Ultra Thin Thermocouple (No communication with computer)
TS-C	Temperature Indicator with Ultra Thin Thermocouple (communication with computer via CU-109)
TS-CD	Temperature Indicator with Ultra Thin Thermocouple (communication with computer via RS-232 port)

Stage Insert

Universal K Stage Insert

SI-K-10	Universal K stage insert for 35mm dish or chamlide chambers
SI-K-20	Universal K stage insert for 60mm dish or chamlide chambers
SI-K-30	Universal K stage insert for 100mm dish or chamlide chambers
SI-K-40	Universal K stage insert for slide glass or chamlide chambers
SI-K-50	Universal K stage insert for well plate or chamlide chambers
SI-K-001	Universal K stage insert for 35mm~60mm dish, chamlide chambers and slide glass (adjustable type)
SI-K-XX	Universal K stage insert for others

Universal M Stage Insert

SI-M-10	Universal M stage insert for 35mm dish or chamlide chambers
SI-M-20	Universal M stage insert for 60mm dish or chamlide chambers
SI-M-30	Universal M stage insert for 100mm dish or chamlide chambers
SI-M-40	Universal M stage insert for slide glass or chamlide chambers
SI-M-50	Universal M stage insert for well plate or chamlide chambers
SI-M-001	Universal M stage insert for 35mm~60mm dish, chamlide chambers and slide glass (adjustable type)
SI-M-XX	Universal M stage insert for others

Nikon XY Stage Insert

SI-N-10	Nikon XY stage insert for 35mm dish or chamlide chambers
SI-N-20	Nikon XY stage insert for 60mm dish or chamlide chambers
SI-N-30	Nikon XY stage insert for 100mm dish or chamlide chambers
SI-N-40	Nikon XY stage insert for slide glass or chamlide chambers
SI-N-50	Nikon XY stage insert for well plate or chamlide chambers
SI-N-001	Nikon XY stage insert for 35mm~60mm dish, chamlide chambers and slide glass (adjustable type)
SI-N-XX	Nikon XY stage insert for others

Other Stage Insert for Others

Chamlide CMB

CM-B12-1	Chamlide CMB for 12mm Round Coverslips
CM-B12-1PA	Straight Tubing Type CM-B12-1
CM-B12-1PB	L-Shape Tubing Type CM-B12-1
CM-B12-Z11	CMB main body for 12mm round coverslip
CM-B12-Z11A	Straight tubing typ CMB body for 12mm round coverslip
CM-B12-Z11B	L-shape tubing type CMB body for 12mm round coverslip
CM-B12-Z12	CMB bottom plate for 12mm round coverslip
CM-B12-Z13	Glass cover for CMB
CM-B12-Z14	Silicone o-ring for 12mm round coverslip
CM-B15-1	Chamlide CMB for 15mm Round Coverslips
CM-B15-1PA	Straight Tubing Type CM-B15-1
CM-B15-1PB	L-Shape Tubing Type CM-B15-1
CM-B15-Z11	CMB main body for 12mm round coverslip
CM-B15-Z11A	Straight tubing typ CMB body for 15mm round coverslip
CM-B15-Z11B	L-shape tubing type CMB body for 15mm round coverslip
CM-B15-Z12	CMB bottom plate for 15mm round coverslip
CM-B15-Z13	Glass cover for CMB
CM-B15-Z14	Silicone o-ring for 15mm round coverslip
CM-B18-1	Chamlide CMB for 18mm Round Coverslips
CM-B18-1PA	Straight Tubing Type CM-B18-1
CM-B18-1PB	L-shape Tubing Type CM-B18-1
CM-B18-Z11	CMB main body for 12mm round coverslip
CM-B18-Z11A	Straight tubing typ CMB body for 18mm round coverslip
CM-B18-Z11B	L-shape tubing type CMB body for 18mm round coverslip
CM-B18-Z12	CMB bottom plate for 18mm round coverslip
CM-B18-Z13	Glass cover for CMB
CM-B18-Z14	Silicone o-ring for 18mm round coverslip
CM-B20-1	Chamlide CMB for 20mm Round Coverslips
CM-B20-1PA	Straight Tubing Type CM-B20-1
CM-B20-1PB	L-Shape Tubing Type CM-B20-1
CM-B20-Z11	CMB main body for 20mm round coverslip
CM-B20-Z11A	Straight tubing type CMB body for 20mm round coverslip
CM-B20-Z11B	L-shape tubing type CMB body for 20mm round coverslip
CM-B20-Z12	CMB bottom plate for 20mm round coverslip
CM-B20-Z13	Glass cover for CMB
CM-B20-Z14	Silicone o-ring for 20mm round coverslip
CM-B22-1	Chamlide CMB for 22mm Round Coverslips
CM-B22-1PA	Straight Tubing Type CM-B22-1
CM-B22-1PB	L-Shape Tubing Type CM-B22-1
CM-B22-Z11	CMB main body for 22mm round coverslip
CM-B22-Z11A	Straight tubing typ CMB body for 22mm round coverslip
CM-B22-Z11B	L-shape tubing type CMB body for 22mm round coverslip
CM-B22-Z12	CMB bottom plate for 22mm round coverslip
CM-B22-Z13	Glass cover for CMB
CM-B22-Z14	Silicone o-ring for 22mm round coverslip
CM-B25-1	Chamlide CMB for 25mm Round Coverslips
CM-B25-1PA	Straight Tubing Type CM-B25-1
CM-B25-1PB	L-Shape Tubing Type CM-B25-1
CM-B25-Z11	CMB main body for 25mm round coverslip
CM-B25-Z11A	Straight tubing typ CMB body for 25mm round coverslip
CM-B25-Z11B	L-shape tubing type CMB body for 25mm round coverslip
CM-B25-Z12	CMB bottom plate for 25mm round coverslip
CM-B25-Z13	Glass cover for CMB
CM-B25-Z14	Silicone o-ring for 25mm round coverslip

Chamlide CMM

CM-M25-2	2-Well Chamlide CMM for 25mm Round Coverslip
CM-M25-Z21	2-Well CMM main body for 25mm round coverslip
CM-M25-Z22	2-Well CMM bottom plate for 25mm round coverslip
CM-M25-Z23	Glass cover for CMM
CM-M25-Z24	Silicone gasket of 2-well CMM for 25mm round coverslip
CM-M-PC	(Option) Chamlide CMM perfusion holder
CM-M25-4	4-Well Chamlide CMM for 25mm Round Coverslip
CM-M25-Z41	4-well CMM main body for 25mm round coverslip
CM-M25-Z42	4-well CMM bottom plate for 25mm round coverslip
CM-M25-Z43	Glass cover for CMM
CM-M25-Z44	Silicone gasket of 4 well CMM for 25mm round coverslip
CM-M-PC	(Option) Chamlide CMM perfusion holder
CM-M12-4	4-Well Chamlide CMM for 12mm Round Coverslip
CM-M12-Z41	4-well CMM main body for 12mm round coverslip
CM-M12-Z42	4-well CMM bottom plate for 12mm round coverslip
CM-M12-Z43	Glass cover for CMM
CM-M12-Z44	Silicone gasket of 4-well CMM for 25mm round coverslip
CM-M-PC	(Option) Chamlide CMM perfusion holder

Chamlide CMS

CM-S18-1	1 Well Chamlide CMS for 18mm x 18mm Coverslip
CM-S18-Z11	1 well CMS main body for 18mm x18mm coverslip
CM-S18-Z12	1 well CMS bottom plate for 18mm x 18mm coverslip
CM-S18-Z13	Glass cover for CMS
CM-S18-Z14	Silicone gasket of 1 well CMS for 18mm x 18mm coverslip
CM-S20-1	1 Well Chamlide CMS for 20mm x 20mm Coverslip
CM-S20-Z11	1 well CMS main body for 20mm x 20mm coverslip
CM-S20-Z12	1 well CMS bottom plate for 20mm x 20mm coverslip
CM-S20-Z13	Glass cover for CMS
CM-S20-Z14	Silicone gasket of 1 well CMS for 20mm x 20mm coverslip
CM-S22-1	1 Well Chamlide CMS for 22mm x 22mm Coverslip
CM-S22-Z11	1 well CMS main body for 22mm x 22mm coverslip
CM-S22-Z12	1 well CMS bottom plate for 22mm x 22mm coverslip
CM-S22-Z13	Glass cover for CMS
CM-S22-Z14	Silicone gasket of 1 well CMS for 22mm x 22mm coverslip
CM-S24-1	1 Well Chamlide CMS for 24mm x 24mm Coverslip
CM-S24-Z11	1 well CMS main body for 24mm x 24mm coverslip
CM-S24-Z12	1 well CMS bottom plate for 24mm x 24mm coverslip
CM-S24-Z13	Glass cover for CMS
CM-S24-Z14	Silicone gasket of 1 well CMS for 24mm x 24mm coverslip
CM-S18-2	2-Well Chamlide CMS for 18mm x 18mm Coverslip
CM-S18-Z21	2-well CMS main body for 18mm x 18mm coverslip
CM-S18-Z22	2-well CMS bottom plate for 18mm x 18mm coverslip
CM-S18-Z23	Glass cover for CMS
CM-S18-Z24	Silicone gasket of 2 well CMS for 18mm x 18mm coverslip
CM-S20-2	2-Well Chamlide CMS for 20mm x 20mm Coverslip
CM-S20-Z21	2-well CMS main body for 20mm x 20mm coverslip
CM-S20-Z22	2-well CMS bottom plate for 20mm x 20mm coverslip
CM-S20-Z23	Glass cover for CMS
CM-S20-Z24	Silicone gasket of 2 well CMS for 20x20mm coverslip
CM-S22-2	2-Well Chamlide CMS for 22mm x 22mm Coverslip
CM-S22-Z21	2-well CMS main body for 22mm x 22mm coverslip
CM-S22-Z22	2-well CMS bottom plate for 22mm x 22mm coverslip
CM-S22-Z23	Glass cover for CMS
CM-S22-Z24	Silicone gasket of 2 well CMS for 22x22mm coverslip
CM-S24-2	2-Well Chamlide CMS for 24mm x 24mm Coverslip
CM-S24-Z21	2-well CMS main body for 24mm x 24mm coverslip
CM-S24-Z22	2-well CMS bottom plate for 24mm x 24mm coverslip
CM-S24-Z23	Glass cover for CMS
CM-S24-Z24	Silicone gasket of 2-well CMS for 24mm x 24mm coverslip
CM-S18-4	4-Well Chamlide CMS for 18mm x18mm Coverslip
CM-S18-Z41	4-well CMS main body for 18mm x18mm coverslip
CM-S18-Z42	4-well CMS bottom plate for 18mm x18mm coverslip
CM-S18-Z43	Glass cover for CMS
CM-S18-Z44	Silicone gasket of 4-well CMS for 18mm x18mm coverslip

CM-S20-4	4-Well Chamlide CMS for 20mm x 20mm coverslip
CM-S20-Z41	4-well CMS main body for 20mm x 20mm coverslip
CM-S20-Z42	4-well CMS bottom plate for 20mm x 20mm coverslip
CM-S20-Z43	Glass cover for CMS
CM-S20-Z44	Silicone gasket of 4-well CMS for 20mm x 20mm coverslip
CM-S22-4	4-Well Chamlide CMS for 22mm x 22mm coverslip
CM-S22-Z41	4-well CMS main body for 22mm x 22mm coverslip
CM-S22-Z42	4-well CMS bottom plate for 22mm x 22mm coverslip
CM-S22-Z43	Glass cover for CMS
CM-S22-Z44	Silicone gasket of 4-well CMS for 22mm x 22mm coverslip
CM-S24-4	4-Well Chamlide CMS for 24mm x 24mm Coverslip
CM-S24-Z41	4-well CMS main body for 24mm x 24mm coverslip
CM-S24-Z42	4-well CMS bottom plate for 24mm x 24mm coverslip
CM-S24-Z43	Glass cover for CMS
CM-S24-Z44	Silicone gasket of 4-well CMS for 24mm x 24mm coverslip
Chamlide PT	
PT-S-06	6-Well Chamlide PT
PT-S-Z061	6-well PT main body
PT-S-Z062	6-well PT bottom plate
PT-S-Z063	Invisible glass cover for PT
PT-S-Z064	Silicone gasket for 6-well PT
PT-S-12	12-Well Chamlide PT
PT-S-Z121	12-well PT main body
PT-S-Z122	12-well PT bottom plate
PT-S-Z123	Invisible glass cover for PT
PT-S-Z124	Silicone gasket for 12-well PT
PT-S-24	24-Well Chamlide PT
PT-S-Z241	24-well PT main body
PT-S-Z242	24-well PT bottom plate
PT-S-Z243	Invisible glass cover for PT
PT-S-Z244	Silicone gasket for 24-well PT
PT-S-48	48-Well Chamlide PT
PT-S-Z481	48-well PT main body
PT-S-Z482	48-well PT bottom plate
PT-S-Z483	Invisible glass cover for PT
PT-S-Z484	Silicone gasket for 48-well PT
PT-S-96	96-Well Chamlide PT
PT-S-Z961	96-well PT main body
PT-S-Z962	96-well PT bottom plate
PT-S-Z963	Invisible glass cover for PT
PT-S-Z964	Silicone gasket for 96-well PT
Well slip	
WL-2232-1	1 Well Slip for 22mm x 32mm Coverslip
WL-2232-Z11	1 Well slip main body for 22mm x 32mm coverslip
WL-2232-Z12	1 Well slip bottom plate for 22mm x 32mm coverslip
WL-2232-Z13	Invisible glass cover for well slip
WL-2232-Z14	Silicone gasket of 1 well slip for 22mm x 32mm coverslip
WL-2240-1	1 Well Slip for 22mm x 40mm Coverslip
WL-2240-Z11	1 Well slip main body for 22mm x 40mm coverslip
WL-2240-Z12	1 Well-slip bottom plate for 22mm x 40mm coverslip
WL-2240-Z13	Invisible glass cover for Well slip
WL-2240-Z14	Silicone gasket of 1 Well slip for 22mm x40mm coverslip
WL-2250-1	1 Well Slip for 22mm x 50mm Coverslip
WL-2250-Z11	1 Well slip main body for 22mmx50mm coverslip
WL-2250-Z12	1 Well slip bottom plate for 22mmx50mm coverslip
WL-2250-Z13	Invisible glass cover for Well slip
WL-2250-Z14	Silicone gasket of 1 Well slip for 22mmx50mm coverslip
WL-2260-1	1 Well slip for 22mm x 60mm Coverslip
WL-2260-Z11	1 Well slip main body for 22mm x 60mm coverslip
WL-2260-Z12	1 Well slip bottom plate for 22mm x 60mm coverslip
WL-2260-Z13	Invisible glass cover for Well slip
WL-2260-Z14	Silicone gasket of 1 Well slip for 22mm x 60mm coverslip
WL-2432-1	1 Well slip for 24mm x 32mm Coverslip
WL-2432-Z11	1 Well slip main body for 24mm x 32mm coverslip
WL-2432-Z12	1 Well slip bottom plate for 24mm x 32mm coverslip
WL-2432-Z13	Invisible glass cover for Well slip
WL-2432-Z14	Silicone gasket of 1 Well-slip for 24mm x 32mm coverslip
WL-2440-1	1 Well Slip for 24mm x 40mm Coverslip
WL-2440-Z11	1 Well slip main body for 24mm x 40mm coverslip
WL-2440-Z12	1 Well slip bottom plate for 24mm x 40mm coverslip
WL-2440-Z13	Invisible glass cover for Well slip
WL-2440-Z14	Silicone gasket of 1 Well slip for 24mm x 40mm coverslip
WL-2450-1	1 Well slip for 24mm x 50mm Coverslip
WL-2450-Z11	1 Well slip main body for 24mm x 50mm coverslip
WL-2450-Z12	1 Well slip bottom plate for 24mm x 50mm coverslip
WL-2450-Z13	Invisible glass cover for Well slip
WL-2450-Z14	Silicone gasket of 1 Well slip for 24mmx50mm coverslip
WL-2460-1	1 Well slip for 24mm x 60mm Coverslip
WL-2460-Z11	1 Well slip main body for 24mm x 60mm coverslip
WL-2460-Z12	1 Well slip bottom plate for 24mm x 60mm coverslip
WL-2460-Z13	Invisible glass cover for Well slip
WL-2460-Z14	Silicone gasket of 1 Well slip for 24mm x 60mm coverslip
WL-2232-2	2-Well slip for 22mm x 32mm Coverslip
WL-2232-Z21	2-Well slip main body for 22mm x 32mm coverslip
WL-2232-Z22	2-Well slip bottom plate for 22mm x 32mm coverslip
WL-2232-Z23	Invisible glass cover for Well slip
WL-2232-Z24	Silicone gasket of 2 Well slip for 22mm x 32mm coverslip
WL-2240-2	2 Well slip for 22mm x 40mm Coverslip
WL-2240-Z21	2 Well slip main body for 22mm x 40mm coverslip
WL-2240-Z22	2 Well slip bottom plate for 22mm x 40mm coverslip
WL-2240-Z23	Invisible glass cover for Well-slip
WL-2240-Z24	Silicone gasket of 2-Well slip for 22mm x 40mm coverslip
WL-2250-2	1 Well slip for 22mm x 50mm Coverslip
WL-2250-Z21	2-Well slip main body for 22mm x 50mm coverslip
WL-2250-Z22	2-Well slip bottom plate for 22mm x 50mm coverslip
WL-2250-Z23	Invisible glass cover for Well slip
WL-2250-Z24	Silicone gasket of 2 Well-slip for 22x50mm coverslip
WL-2260-2	2-Well slip for 22mm x60mm Coverslip
WL-2260-Z21	2-Well slip main body for 22x60mm coverslip
WL-2260-Z22	2-Well slip bottom plate for 22x60mm coverslip
WL-2260-Z23	Invisible glass cover for Well-slip
WL-2260-Z24	Silicone gasket of 2 Well slip for 22x60mm coverslip
WL-2432-2	2-Well slip for 24mm x32mm Coverslip
WL-2432-Z21	2-Well slip main body for 24mm x 32mm coverslip
WL-2432-Z22	2-Well slip bottom plate for 24mm x 32mm coverslip
WL-2432-Z23	Invisible glass cover for Well slip
WL-2432-Z24	Silicone gasket of 2 Well-slip for 24mm x 32mm coverslip
WL-2440-2	2-Well slip for 24mm x 40mm Coverslip
WL-2440-Z21	2 Well-slip main body for 24x40mm coverslip
WL-2440-Z22	2 Well-slip bottom plate for 24x40mm coverslip
WL-2440-Z23	Invisible glass cover for Well-slip
WL-2440-Z24	Silicone gasket of 2 Well-slip for 24x40mm coverslip
WL-2450-2	2-Well slip for 24mm x 50mm Coverslip
WL-2450-Z21	2-Well slip main body for 24mm x 50mm coverslip
WL-2450-Z22	2-Well slip bottom plate for 24mm x 50mm coverslip
WL-2450-Z23	Invisible glass cover for Well slip
WL-2450-Z24	Silicone gasket of 2 Well slip for 24mm x 50mm coverslip
WL-2460-2	2-Well slip for 24mm x 60mm Coverslip
WL-2460-Z21	2-Well slip main body for 24mm x 60mm coverslip
WL-2460-Z22	2-Well slip bottom plate for 24mm x 60mm coverslip
WL-2460-Z23	Invisible glass cover for Well-slip
WL-2460-Z24	Silicone gasket of 2-Well slip for 24mm x 60mm coverslip
WL-2240-4	4-Well slip for 22mm x 40mm Coverslip
WL-2240-Z41	4-Well-slip main body for 22mm x 40mm coverslip
WL-2240-Z42	4-Well-slip bottom plate for 22mm x 40mm coverslip
WL-2240-Z43	Invisible glass cover for Well-slip
WL-2240-Z44	Silicone gasket of 4-Well slip for 22mm x 40mm coverslip
WL-2250-4	4-Well slip for 22mm x 50mm coverslip
WL-2250-Z41	4-Well-slip main body for 22mm x 50mm coverslip
WL-2250-Z42	4-Well-slip bottom plate for 22mm x 50mm coverslip
WL-2250-Z43	Invisible glass cover for Well slip
WL-2250-Z44	Silicone gasket of 4-Well slip for 22mm x 50mm coverslip
WL-2440-4	4-Well slip for 24mm x 40mm coverslip
WL-2440-Z41	4-Well slip main body for 24mm x 40mm coverslip
WL-2440-Z42	4-Well slip bottom plate for 24mm x 40mm coverslip
WL-2440-Z43	Invisible glass cover for Well-slip
WL-2440-Z44	Silicone gasket of 4 Well-slip for 24x40mm coverslip
WL-2450-4	4-Well Slip for 24mm x 50mm Coverslip
WL-2450-Z41	4-Well slip main body for 24mm x 50mm coverslip
WL-2450-Z42	4-Well slip bottom plate for 24mm x 50mm coverslip
WL-2450-Z43	Invisible glass cover for Well slip
WL-2450-Z44	Silicone gasket of 4 Well slip for 24mm x 50mm coverslip
WL-2260-5	5-Well slip for 22mm x 60mm Coverslip
WL-2260-Z51	5-Well slip main body for 22mm x 60mm coverslip
WL-2260-Z52	5-Well slip bottom plate for 22mm x 60mm coverslip
WL-2260-Z53	Invisible glass cover for Well-slip
WL-2260-Z54	Silicone gasket of 5-Well slip for 22mm x 60mm coverslip
WL-2460-5	5-Well slip for 24mm x 60mm Coverslip
WL-2460-Z51	5-Well slip main body for 24mm x 60mm coverslip
WL-2460-Z52	5-Well slip bottom plate for 24mm x 60mm coverslip
WL-2460-Z53	Invisible glass cover for Well slip
WL-2460-Z54	Silicone gasket of 5-Well slip for 24mm x 60mm coverslip
WL-2250-8	8-Well Slip for 22mm x 50mm Coverslip
WL-2250-Z81	8-Well slip main body for 22mm x 50mm coverslip
WL-2250-Z82	8-Well slip bottom plate for 22mm x 50mm coverslip
WL-2250-Z83	Invisible glass cover for Well slip
WL-2250-Z84	Silicone gasket of 8-Well slip for 22mm x 50mm coverslip
WL-2450-8	8-Well slip for 24mm x 50mm Coverslip
WL-2450-Z81	8-Well slip main body for 24mm x 50mm coverslip
WL-2450-Z82	8-Well slip bottom plate for 24mm x 50mm coverslip
WL-2450-Z83	Invisible glass cover for Well slip
WL-2450-Z84	Silicone gasket of 8-Well slip for 24mm x 50mm coverslip
WL-2260-10	10-Well Slip for 22mm x 60mm Coverslip
WL-2260-Z01	10-Well slip main body for 22mm x 60mm coverslip
WL-2260-Z02	10-Well slip bottom plate for 22mm x 60mm coverslip
WL-2260-Z03	Invisible glass cover for Well slip
WL-2260-Z04	Silicone gasket of 10 Well slip for 22mm x 60mm coverslip
WL-2460-10	10-Well Slip for 24mm x 60mm Coverslip
WL-2460-Z01	10-Well slip main body for 24mm x 60mm coverslip
WL-2460-Z02	10-Well slip bottom plate for 24mm x 60mm coverslip
WL-2460-Z03	Invisible glass cover for Well-slip
WL-2460-Z04	Silicone gasket of 10-Well slip for 24mm x 60mm coverslip
Well Slide	
WS-S-03	3-Well slide
WS-S-Z031	3-Well slide main body
WS-S-Z032	3-Well slide bottom plate
WS-S-Z033	Invisible glass cover for Well slides
WS-S-Z034	Silicone gasket of 3-Well slide
WS-S-06	6-Well Slide
WS-S-Z061	6-Well slide main body
WS-S-Z062	6-Well slide bottom plate
WS-S-Z063	Invisible glass cover for Well slides
WS-S-Z064	Silicone gasket of 6-Well slide
WS-S-12	12-Well Slide
WS-S-Z121	12-Well slide main body
WS-S-Z122	12-Well slide bottom plate
WS-S-Z123	Invisible glass cover for Well slides
WS-S-Z124	Silicone gasket of 12-Well slide
Chamlide WC	
WC-R12	Chamlide WC for 12mm Round Coverslip
WC-R12-Z1	WC main body for 12mm round coverslip
WC-R12-Z2	WC bottom plate for 12mm round coverslip
WC-R12-Z3	Invisible glass cover for WC
WC-R12-Z4	Silicone o-ring for 18mm round cover slip
WC-R12-Z5	4ø(O.D) polyurethane tubing
WC-R12-Z6	6ø(O.D) silicone tubing
WC-R15	Chamlide WC for 15mm Round Coverslip
WC-R15-Z1	WC main body for 15mm round coverslip
WC-R15-Z2	WC bottom plate for 15mm round coverslip
WC-R15-Z3	Invisible glass cover for WC
WC-R15-Z4	Silicone o-ring for 15mm round cover slip
WC-R15-Z5	4ø(O.D) polyurethane tubing
WC-R15-Z6	6ø(O.D) silicone tubing
WC-R18	Chamlide WC for 18mm Round Coverslip
WC-R18-Z1	WC main body for 18mm round coverslip
WC-R18-Z2	WC bottom plate for 18mm round coverslip
WC-R18-Z3	Invisible glass cover for WC
WC-R18-Z4	Silicone o-ring for 18mm round cover slip
WC-R18-Z5	4ø(O.D) polyurethane tubing
WC-R18-Z6	6ø(O.D) silicone tubing
WC-R20	Chamlide WC for 20mm Round Coverslip
WC-R20-Z1	WC main body for 20mm round coverslip
WC-R20-Z2	WC bottom plate for 20mm round coverslip
WC-R20-Z3	Invisible glass cover for WC
WC-R20-Z4	Silicone o-ring for 20mm round cover slip
WC-R20-Z5	4ø(O.D) polyurethane tubing
WC-R20-Z6	6ø(O.D) silicone tubing
WC-R22	Chamlide WC for 22mm Round Coverslip
WC-R22-Z1	WC main body for 22mm round coverslip
WC-R22-Z2	WC bottom plate for 22mm round coverslip
WC-R22-Z3	Invisible glass cover for WC
WC-R22-Z4	Silicone o-ring for 22mm round cover slip
WC-R22-Z5	4ø(O.D) polyurethane tubing
WC-R22-Z6	6ø(O.D) silicone tubing
WC-R25	Chamlide WC for 25mm Round Coverslip
WC-R25-Z1	WC main body for 25mm round coverslip
WC-R25-Z2	WC bottom plate for 25mm round coverslip
WC-R25-Z3	Invisible glass cover for WC
WC-R25-Z4	Silicone o-ring for 25mm round cover slip
WC-R25-Z5	4ø(O.D) polyurethane tubing
WC-R25-Z6	6ø(O.D) silicone tubing
Chamlide AC	
AC-B15	Chamlide AC for 15mm Round Coverslip
AC-B15-Z1	AC main body for 15mm round coverslip
AC-B15-Z2	AC bottom plate for 15mm round coverslip
AC-B15-Z3	Silicone o-ring for 15mm round coverslip
AC-B15-Z4	Suction port (spring included)
AC-B15-Z5	2ø silicone tubing
AC-B18	Chamlide AC for 18mm Round Coverslip
AC-B18-Z1	AC main body for 18mm round coverslip
AC-B18-Z2	AC bottom plate for 18mm round coverslip
AC-B18-Z3	Silicone o-ring for 18mm round coverslip
AC-B18-Z4	Suction port (spring included)
AC-B18-Z5	2ø silicone tubing
AC-B20	Chamlide AC for 20mm Round Coverslip
AC-B20-Z1	AC main body for 20mm round coverslip
AC-B20-Z2	AC bottom plate for 20mm round coverslip
AC-B20-Z3	Silicone o-ring for 20mm round coverslip
AC-B20-Z4	Suction port (spring included)
AC-B20-Z5	2ø silicone tubing
AC-B22	Chamlide AC for 22mm Round Coverslip
AC-B22-Z1	AC main body for 22mm round coverslip
AC-B22-Z2	AC bottom plate for 22mm round coverslip
AC-B22-Z3	Silicone o-ring for 22mm round coverslip
AC-B22-Z4	Suction port (spring included)
AC-B22-Z5	2ø silicone tubing
AC-B25	Chamlide AC for 25mm Round Coverslip
AC-B25-Z1	AC main body for 25mm round coverslip
AC-B25-Z2	AC bottom plate for 25mm round coverslip
AC-B25-Z3	Silicone o-ring for 25mm round coverslip
AC-B25-Z4	Suction port (spring included)
AC-B25-Z5	2ø silicone tubing
AC-P15	Chamlide AC-P for 15mm Round Coverslip
AC-P15-Z1	AC-P main body for 15mm round coverslip
AC-P15-Z2	AC-P bottom plate for 15mm round coverslip
AC-P15-Z3	Silicone o-ring for 15mm round coverslip
AC-P15-Z4	Suction port (spring included)
AC-P15-Z5	2ø silicone tubing
AC-P18	Chamlide AC-P for 18mm Round Coverslip
AC-P18-Z1	AC-P main body for 18mm round coverslip
AC-P18-Z2	AC-P bottom plate for 18mm round coverslip
AC-P18-Z3	Silicone o-ring for 18mm round coverslip
AC-P18-Z4	Suction port (spring included)
AC-P18-Z5	2ø silicone tubing
AC-P20	Chamlide AC-P for 20mm Round Coverslip
AC-P20-Z1	AC-P main body for 20mm round coverslip
AC-P20-Z2	AC-P bottom plate for 20mm round coverslip
AC-P20-Z3	Silicone o-ring for 20mm round coverslip
AC-P20-Z4	Suction port (spring included)
AC-P20-Z5	2ø silicone tubing
AC-P22	Chamlide AC-P for 22mm Round Coverslip
AC-P22-Z1	AC-P main body for 22mm round coverslip
AC-P22-Z2	AC-P bottom plate for 22mm round coverslip
AC-P22-Z3	Silicone o-ring for 22mm round coverslip
AC-P22-Z4	Suction port (spring included)
AC-P22-Z5	2ø silicone tubing
AC-P25	Chamlide AC-P for 25 mm Round Coverslip
AC-P25-Z1	AC-P main body for 25mm round coverslip
AC-P25-Z2	AC-P bottom plate for 25mm round coverslip
AC-P25-Z3	Silicone o-ring for 25mm round coverslip
AC-P25-Z4	Suction port (spring included)
AC-P25-Z5	2ø silicone tubing
AC-PI15	Chamlide AC-PI for 15mm Round Coverslip
AC-PI15-Z1	AC-PI main body for 15mm round coverslip
AC-PI15-Z2	AC-PI bottom plate for 15mm round coverslip
AC-PI15-Z3	Silicone gasket for 15mm round coverslip
AC-PI15-Z4	Suction port (spring included)
AC-PI15-Z5	2ø silicone tubing

AC-PI18	Chamlide AC-PI for 18mm Round Coverslip
AC-PI18-Z1	AC-PI main body for 18mm round coverslip
AC-PI18-Z2	AC-PI bottom plate for 18mm round coverslip
AC-PI18-Z3	Silicone gasket for 18mm round coverslip
AC-PI18-Z4	Suction port (spring included)
AC-PI18-Z5	2ø silicone tubing
AC-PI20	Chamlide AC-PI for 20mm Round Coverslip
AC-PI20-Z1	AC-PI main body for 20mm round coverslip
AC-PI20-Z2	AC-PI bottom plate for 20mm round coverslip
AC-PI20-Z3	Silicone gasket for 20mm round coverslip
AC-PI20-Z4	Suction port (spring included)
AC-PI20-Z5	2ø silicone tubing
AC-PI22	Chamlide AC-PI for 22mm Round Coverslip
AC-PI22-Z1	AC-PI main body for 22mm round coverslip
AC-PI22-Z2	AC-PI bottom plate for 22mm round coverslip
AC-PI22-Z3	Silicone gasket for 22mm round coverslip
AC-PI22-Z4	Suction port (spring included)
AC-PI22-Z5	2ø silicone tubing
AC-PI25	Chamlide AC-PI for 25mm Round Coverslip
AC-PI25-Z1	AC-PI main body for 25mm round coverslip
AC-PI25-Z2	AC-PI bottom plate for 25mm round coverslip
AC-PI25-Z3	Silicone gasket for 25mm round coverslip
AC-PI25-Z4	Suction port (spring included)
AC-PU15	Chamlide AC-PU for 15mm Round Coverslip
AC-PU15-Z1	AC-PU main body for 15mm round coverslip
AC-PU15-Z2	AC-PU bottom plate for 15mm round coverslip
AC-PU15-Z3	Silicone gasket for 15mm round coverslip
AC-PU15-Z4	Suction port (spring included)
AC-PU15-Z5	2ø silicone tubing
AC-PU18	Chamlide AC-PU for 18mm Round Coverslip
AC-PU18-Z1	AC-PU main body for 18mm round coverslip
AC-PU18-Z2	AC-PU bottom plate for 18mm round coverslip
AC-PU18-Z3	Silicone gasket for 18mm round coverslip
AC-PU18-Z4	Suction port (spring included)
AC-PU18-Z5	2ø silicone tubing
AC-PU20	Chamlide AC-PU for 20mm Round Coverslip
AC-PU20-Z1	AC-PU main body for 20mm round coverslip
AC-PU20-Z2	AC-PU bottom plate for 20mm round coverslip
AC-PU20-Z3	Silicone gasket for 20mm round coverslip
AC-PU20-Z4	Suction port (spring included)
AC-PU20-Z5	2ø silicone tubing
AC-PU22	Chamlide AC-PU for 22mm Round Coverslip
AC-PU22-Z1	AC-PU main body for 22mm round coverslip
AC-PU22-Z2	AC-PU bottom plate for 22mm round coverslip
AC-PU22-Z3	Silicone gasket for 22mm round coverslip
AC-PU22-Z4	Suction port (spring included)
AC-PU22-Z5	2ø silicone tubing
AC-PU25	Chamlide AC-PU for 25mm Round Coverslip
AC-PU25-Z1	AC-PU main body for 25mm round coverslip
AC-PU25-Z2	AC-PU bottom plate for 25mm round coverslip
AC-PU25-Z3	Silicone gasket for 25mm round coverslip
AC-PU25-Z4	Suction port (spring included)
AC-PU25-Z5	2ø silicone tubing
Chamlide EC	
EC-B15	Chamlide EC for 15mm Round Coverslip
EC-B15-Z1	EC main body for 15mm round coverslip
EC-B15-Z2	EC bottom plate for 15mm round coverslip
EC-B15-Z3	Silicone o-ring for 15mm round coverslip
EC-B15-Z4	Suction port (spring included)
EC-B15-Z5	2ø silicone tubing
EC-B15-Z6	Stimulation cable with male connector
EC-B15-Z7	Platinum electrode with female connector
EC-B15-Z8	Electrode guide
EC-B18	Chamlide EC for 18mm Round Coverslip
EC-B18-Z1	EC main body for 18mm round coverslip
EC-B18-Z2	EC bottom plate for 18mm round coverslip
EC-B18-Z3	Silicone o-ring for 15mm round coverslip
EC-B18-Z4	Suction port (spring included)
EC-B18-Z5	2ø silicone tubing
EC-B18-Z6	Stimulation cable with male connector
EC-B18-Z7	Platinum electrode with female connector
EC-B18-Z8	Electrode guide
EC-B20	Chamlide EC for 20mm Round Coverslip
EC-B20-Z1	EC main body for 20mm round coverslip
EC-B20-Z2	EC bottom plate for 20mm round coverslip
EC-B20-Z3	Silicone o-ring for 20mm round coverslip
EC-B20-Z4	Suction port (spring included)
EC-B20-Z5	2ø silicone tubing
EC-B20-Z6	Stimulation cable with male connector
EC-B20-Z7	Platinum electrode with female connector
EC-B20-Z8	Electrode guide
EC-B22	Chamlide EC for 22mm Round Coverslip
EC-B22-Z1	EC main body for 22mm round coverslip
EC-B22-Z2	EC bottom plate for 22mm round coverslip
EC-B22-Z3	Silicone o-ring for 22mm round coverslip
EC-B22-Z4	Suction port (spring included)
EC-B22-Z5	2ø silicone tubing
EC-B22-Z6	Stimulation cable with male connector
EC-B22-Z7	Platinum electrode with female connector
EC-B22-Z8	Electrode guide
EC-B25	Chamlide EC for 25mm Round Coverslip
EC-B25-Z1	EC main body for 25mm round coverslip
EC-B25-Z2	EC bottom plate for 25mm round coverslip
EC-B25-Z3	Silicone o-ring for 25mm round coverslip
EC-B25-Z4	Suction port (spring included)
EC-B25-Z5	2ø silicone tubing
EC-B25-Z6	Stimulation cable with male connector
EC-B25-Z7	Platinum electrode with female connector
EC-B25-Z8	Electrode guide
Chamlide CF	
CF-S15-A	Chamlide CF for 15mm Round Coverslip (0.2mm)
CF-S15-B	Chamlide CF for 15mm Round Coverslip (0.5mm)
CF-S15-C	Chamlide CF for 15mm Round Coverslip (1.0mm)
CF-S15-Z1A	CF main body for 15mm round coverslip(0.2mm)
CF-S15-Z1B	CF main body for 15mm round coverslip(0.5mm)
CF-S15-Z1C	CF main body for 15mm round coverslip(1.0mm)
CF-S15-Z2	CF bottom plate for 15mm round coverslip
CF-S15-Z3	Silicone gasket for 15mm round coverslip
CF-S15-Z4	2ø silicone tubing
CF-S18-A	Chamlide CF for 18mm Round Coverslip (0.2mm)
CF-S18-B	Chamlide CF for 18mm Round Coverslip (0.5mm)
CF-S18-C	Chamlide CF for 18mm Round Coverslip (1.0mm)
CF-S18-Z1A	CF main body for 18mm round coverslip(0.2mm)
CF-S18-Z1B	CF main body for 18mm round coverslip(0.5mm)
CF-S18-Z1C	CF main body for 18mm round coverslip(1.0mm)
CF-S18-Z2	CF bottom plate for 18mm round coverslip
CF-S18-Z3	Silicone gasket for 18mm round coverslip
CF-S18-Z4	2ø silicone tubing
CF-S20-A	Chamlide CF for 20mm Round Coverslip (0.2mm)
CF-S20-B	Chamlide CF for 20mm Round Coverslip (0.5mm)
CF-S20-C	Chamlide CF for 20mm Round Coverslip (1.0mm)
CF-S20-Z1A	CF main body for 20mm round coverslip(0.2mm)
CF-S20-Z1B	CF main body for 20mm round coverslip(0.5mm)
CF-S20-Z1C	CF main body for 20mm round coverslip(1.0mm)
CF-S20-Z2	CF bottom plate for 20mm round coverslip
CF-S20-Z3	Silicone gasket for 20mm round coverslip
CF-S20-Z4	2ø silicone tubing
CF-S22-A	Chamlide CF for 22mm Round Coverslip (0.2mm)
CF-S22-B	Chamlide CF for 22mm Round Coverslip (0.5mm)
CF-S22-C	Chamlide CF for 22mm Round Coverslip (1.0mm)
CF-S22-Z1A	CF main body for 22mm round coverslip(0.2mm)
CF-S22-Z1B	CF main body for 22mm round coverslip(0.5mm)
CF-S22-Z1C	CF main body for 22mm round coverslip(1.0mm)
CF-S22-Z2	CF bottom plate for 22mm round coverslip
CF-S22-Z3	Silicone gasket for 22mm round coverslip
CF-S22-Z4	2ø silicone tubing
CF-S25-A	Chamlide CF for 25mm Round Coverslip (0.2mm)
CF-S25-B	Chamlide CF for 25mm Round Coverslip (0.5mm)
CF-S25-C	Chamlide CF for 25mm Round Coverslip (1.0mm)
CF-S25-Z1A	CF main body for 25mm round coverslip(0.2mm)
CF-S25-Z1B	CF main body for 25mm round coverslip(0.5mm)
CF-S25-Z1C	CF main body for 25mm round coverslip(1.0mm)
CF-S25-Z2	CF bottom plate for 25mm round coverslip
CF-S25-Z3	Silicone gasket for 25mm round coverslip
CF-S25-Z4	2ø silicone tubing
CF-T12	Chamlide CF-T for 12mm Round Coverslip
CF-T12-Z1	CF-T main body for 12mm round coverslip
CF-T12-Z2	CF-T bottom plate for 12mm round coverslip
CF-T12-Z3	Silicone gasket for 12mm round coverslip
CF-T12-Z4	2ø silicone tubing
CF-T15	Chamlide CF-T for 15mm Round Coverslip
CF-T15-Z1	CF-T main body for 15mm round coverslip
CF-T15-Z2	CF-T bottom plate for 15mm round coverslip
CF-T15-Z3	Silicone gasket for 15mm round coverslip
CF-T15-Z4	2ø silicone tubing
CF-T18	Chamlide CF-T for 18mm Round Coverslip
CF-T18-Z1	CF-T main body for 18mm round coverslip
CF-T18-Z2	CF-T bottom plate for 18mm round coverslip
CF-T18-Z3	Silicone gasket for 18mm round coverslip
CF-T18-Z4	2ø silicone tubing
CF-T20	Chamlide CF-T for 20mm Round Coverslip
CF-T20-Z1	CF-T main body for 20mm round coverslip
CF-T20-Z2	CF-T bottom plate for 20mm round coverslip
CF-T20-Z3	Silicone gasket for 20mm round coverslip
CF-T20-Z4	2ø silicone tubing
CF-T22	Chamlide CF-T for 22mm Round Coverslip
CF-T22-Z1	CF-T main body for 22mm round coverslip
CF-T22-Z2	CF-T bottom plate for 22mm round coverslip
CF-T22-Z3	Silicone gasket for 22mm round coverslip
CF-T22-Z4	2ø silicone tubing
CF-T25	Chamlide CF-T for 25mm Round Coverslip
CF-T25-Z1	CF-T main body for 25mm round coverslip
CF-T25-Z2	CF-T bottom plate for 25mm round coverslip
CF-T25-Z3	Silicone gasket for 25mm round coverslip
CF-T25-Z4	2ø silicone tubing
Chamlide CF-EC	
CF-EC-10	
Chamlide PM	
PM-S-10	Chamlide PM
PM-S-Z001	PM main body
PM-S-Z002	PM bottom plate
PM-S-Z003	Silicone gasket for PM
PM-S-Z004	2ø silicone tubing
PM-T-10	Chamlide PM-T
Chamlide DF	
DF-S-10	Chamlide DF
DF-S-Z001	DF main body
DF-S-Z002	DF bottom plate
DF-S-Z003	Silicone gasket for DF
DF-S-Z004	2ø silicone tubing
Chamlide DF-T	
DF-T-10	
Chamlide MD	
MD-S-10	Chamlide MD
MD-S-20	Chamlide MD for magnetic special cover
Chamlide MB	
MB-R12-2	2 hole Chamlide MB for 12mm round coverslip
MB-R15-2	2 hole Chamlide MB for 15mm round coverslip
MB-R18-2	2 hole Chamlide MB for 18mm round coverslip
MB-R20-2	2 hole Chamlide MB for 20mm round coverslip
MB-R22-2	2 hole Chamlide MB for 22mm round coverslip
MB-R25-2	2 hole Chamlide MB for 25mm round coverslip
MB-R12-6	6 hole Chamlide MB for 12mm round coverslip
MB-R15-6	6 hole Chamlide MB for 15mm round coverslip
MB-R18-6	6 hole Chamlide MB for 18mm round coverslip
MB-R20-6	6 hole Chamlide MB for 20mm round coverslip
MB-R22-6	6 hole Chamlide MB for 22mm round coverslip
MB-R25-6	6 hole Chamlide MB for 25mm round coverslip
Special Glass Cover	
SG-C-10	Special glass cover for 35mm culture dish
SG-C-20	Magnetic special glass cover for 35mm culture dish
SG-C-30	Special glass cover for consumable chamber slide or chambered coverglass
SG-C-40	Special glass cover for commercial well plate

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