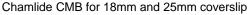
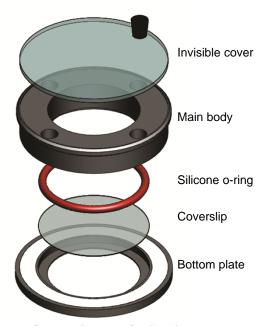
### **Chamlide CMB**

### 35mm dish type 1-well magnetic chambers for round coverslip

- The Chamlide<sup>™</sup> uses a patented magnetic system for easy assembly.
- Conventional screw-type assembly systems often result in broken coverslips, drying out the medium during
  assembly, or leaking of the medium during observation. Installing a coverslip into a Chamlide™ takes seconds.
  It is extremely easy to use, safe and never leaks.
- The exterior size of Chamlide CMB is the same as 35mm culture dish
- A re-useable Chamlide<sup>™</sup> can replace several expensive consumable coverslip-bottomed 35mm dishes.
- Chamlide CMB can be used with the Chamlide MB (multi-hole bottom plate) and the Chamlide MD (6-dish holder).
- Can control the biological environment using Chamlide incubator systems like Chamlide TC, Chamlide IC, or Chamlide WP for 6 well plate and gas mixing systems such as FC-5 or FC-7 for live cell imaging.







Patented magnetic chamber system

#### How to use Chamlide magnetic chambers

- 1. Culture the cells on a coverslip.
- 2. Using a forceps, transfer a coverslip to the bottom plate.
- 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







Straight tubing type Chamlide CMB



L-shape tubing type Chamlide CMB

- There are 2 types of Chamlide CMBs for injection. : Straight tubing type Chamlide CMB and L-shape tubing type Chamlide CMB.
- All of two types can inject the fresh medium or drug into the chamber, and the different thing is that the L-shape tubing type Chamlide CMB is possible to remove almost the medium inside the chamber using 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

Body Black polycarbonate

Bottom Aluminum alloy, steel

Cover Glass
O-ring Silicone

Model No.	Product	Model No.	Product
CM-B12-1	Chamlide CMB for 12mm round coverslips	CM-B20-1	Chamlide CMB for 20mm round coverslips
CM-B12-1PA	Straight tubing type CM-B12-1	CM-B20-1PA	Straight tubing type CM-B20-1
CM-B12-1PB	L-shape tubing type CM-B12-1	CM-B20-1PB	L-shape tubing type CM-B20-1
CM-B15-1	Chamlide CMB for 15mm round coverslips	CM-B22-1	Chamlide CMB for 22mm round coverslips
CM-B15-1PA	Straight tubing type CM-B15-1	CM-B22-1PA	Straight tubing type CM-B22-1
CM-B15-1PB	L-shape tubing type CM-B15-1	CM-B22-1PB	L-shape tubing type CM-B22-1
CM-B18-1	Chamlide CMB for 18mm round coverslips	CM-B25-1	Chamlide CMB for 25mm round coverslips
CM-B18-1PA	Straight tubing type CM-B18-1	CM-B25-1PA	Straight tubing type CM-B25-1
CM-B18-1PB	L-shape tubing type CM-B18-1	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 for 25mm round coverslip





- 2-well chamber and 4-well chamber for 25mm round coverslip.
- Silicon gasket prevents bleeding of the medium between wells.
- The exterior size of Chamlide CM-M25-2/4 is the same as 35mm culture dish.
- Other features are the same as Chamlide magnetic chamber.
- Can use with the Chamlide MB (multi-hole bottom plate) and the Chamlide MD (6-dish holder).
- Can control the biological environment using Chamlide incubator systems like Chamlide TC, Chamlide IC, or Chamlide WP for 6 well plate and gas mixing systems such as FC-5 or FC-7 for live cell imaging.



#### **Specifications**

25mm coverslip type 2-well magnetic chamber (CM-M25-2) internal volume 25mm coverslip type 4-well magnetic chamber (CM-M25-4) internal volume 12mm coverslip type 4-well magnetic chamber (CM-M12-4) internal volume Chamber material

Maximum 1.0 ml / well Maximum 450  $\mu\ell$  / well Maximum 400  $\mu\ell$  / well

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.
- Use four 12mm coverslips and a silicone gasket.
- The exterior size of Chamlide CM-M12-4 is the same as 35mm culture dish.
- Other features are the same as Chamlide magnetic chamber.
- Can use with Chamlide MD (6-dish holder).
- Can control the biological environment using Chamlide incubator systems like Chamlide TC, Chamlide IC, or Chamlide WP for 6 well plate and gas mixing systems such as FC-5 or FC-7 for live cell imaging.



Invisible cover

Main body

Silicone gasket

12mm coverslips (x4)

Bottom plate



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 available

18 mm x 18 mm

20 mm x 20 mm

22 mm x 22 mm

24 mm x 24 mm

Main body Silicone gasket 1-well Chamlide CMS is for the square coverslip, and available on Coverslip 18 x 18 / 20 x 20/ 22 x 22 / 24x24mm coverslip Other functions and features are the same as the standard type Chamlide CMB. Bottom plate

### 2-well Chamlide CMS



#### Coverslip available

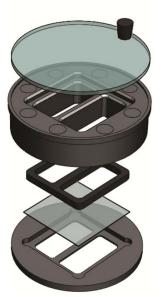
18 mm x 18 mm

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 available on 18 x 18 / 20 x 20/ 22 x 22 / 24x24mm coverslip
- Other functions and features are the same as the standard type Chamlide CMM.



Invisible cover

Invisible cover

Main body

Silicone gasket

Coverslip

Bottom plate

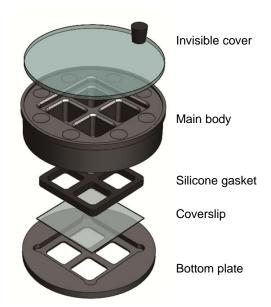
#### 4-well Chamlide CMS



#### Coverslip available

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 available on 18 x 18 / 20 x 20 / 22 x 22 / 24x24mm coverslip
- Other functions and features are the same as the standard type Chamlide CMM.



#### **Specifications**

24x24mm coverslip type 1-well magnetic chamber internal volume 24x24mm coverslip type 2-well magnetic chamber internal volume 24x24mm coverslip type 4-well magnetic chamber internal volume Chamber material Maximum 2.0 ml / well Maximum 800  $\mu$ l / well Maximum 400  $\mu$ l / well

Body Black polycarbonate
Bottom Aluminum alloy

Cover Glass Gasket Silicone

Model No.	Product
CM-S18-1	1 well Chamlide CMS for 18x18mm coverslip
CM-S20-1	1 well Chamlide CMS for 20x20mm coverslip
CM-S22-1	1 well Chamlide CMS for 22x22mm coverslip
CM-S24-1	1 well Chamlide CMS for 24x24mm coverslip
CM-S18-2	2 well Chamlide CMS for 18x18mm coverslip
CM-S20-2	2 well Chamlide CMS for 20x20mm coverslip
CM-S22-2	2 well Chamlide CMS for 22x22mm coverslip
CM-S24-2	2 well Chamlide CMS for 24x24mm coverslip
CM-S18-4	4 well Chamlide CMS for 18x18mm coverslip
CM-S20-4	4 well Chamlide CMS for 20x20mm coverslip
CM-S22-4	4 well Chamlide CMS for 22x22mm coverslip
CM-S24-4	4 well Chamlide CMS for 24x24mm coverslip

#### **Chamlide PT**

### Well plate type multi-well magnetic chamber

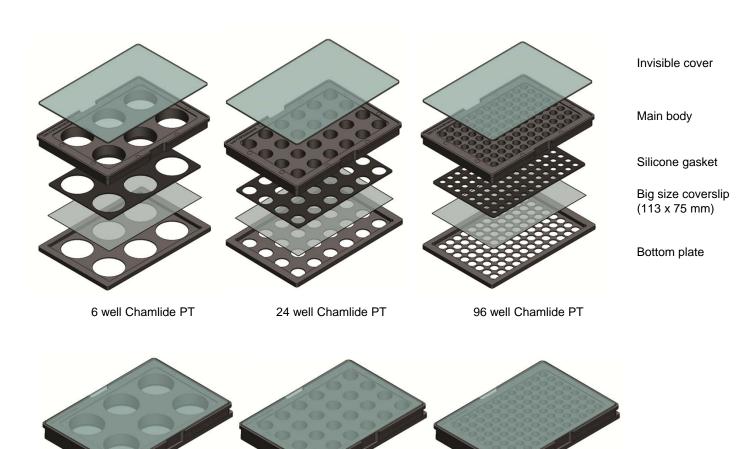




- Replace an expensive disposable cover glass bottom well plate.
- · Semi-permanent.
- Simply remove and replace the bottom cover glass for next use.
- · Auto-cleavable.
- Use silicone gaskets to prevent leaking.
- Use big size (113 x 75mm, #1.5, thickness ~0.17mm) coverslip. (See Page 49, 70091137B)
- Metal bottom for stable temperature control during live cell imaging.
- · Non-toxic, non-reactive polycarbonate material.
- A patented magnetic multi-well chamber system for easy installation.
- Control the temperature and the CO2 level using Chamlide WP and FC-5 for live cell imaging.

#### How to use Chamlide PT

- 1. Put the big size coverslip (113 x 75 mm) into the bottom plate.
- 2. Fit the main body with the silicone gasket.
- 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 live Cell imaging or Put it in the CO2 incubator for cell culture.



#### **Specifications**

6-well plate type magnetic chamber internal volume 24-well plate type magnetic chamber internal volume 96-well plate type magnetic chamber internal volume Material Maximum 5.5 ml / well

Maximum 1.0 ml / well

Maximum 230 ル / well

Main body Black polycarbonate

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

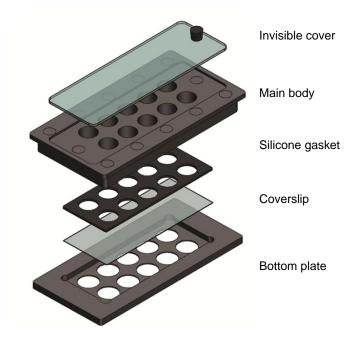
# Well-Slip

# Coverslip bottom magnetic chamber for rectangular coverslip



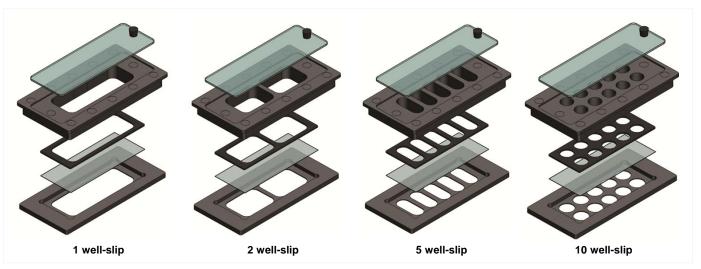


- Coverslip bottom multi-well chamber
- Replaces an expensive consumable chambered cover glass.
- Semi-permanent (re-useable).
- Simply remove and replace the bottom coverslip for next use.
- Autocleavable.
- Uses silicone gaskets to prevent leaking.
- Metal bottom for stable temperature control during live cell imaging.
- Non-toxic, non-reactive polycarbonate material.
- Patented magnetic system for easy assembly.
- Control the temperature and the CO<sub>2</sub> level 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 available	Quantities of wells
22 mm x 32 mm	1 well / 2 well
22 mm x 40 mm	1 well / 2 well / 4 well
22 mm x 50 mm	1 well / 2 well / 4 well / 8 well
22 mm x 60 mm	1 well / 2 well / 5 well / 10 well
24 mm x 32 mm	1 well / 2 well
24 mm x 40 mm	1 well / 2 well / 4 well
24 mm x 50 mm	1 well / 2 well / 4 well / 8 well
24 mm x 60 mm	1 well / 2 well / 5 well / 10 well



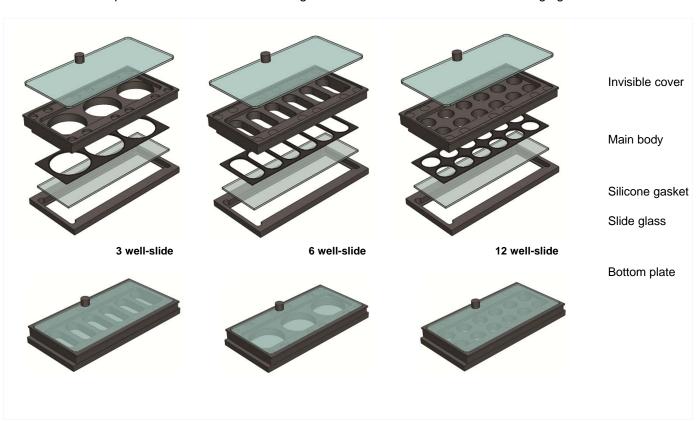
Well-slip for 22(24) x 60mm

Model No.	Product	Model No.	Product
WL-2232-1	1 well-slip for 22x32mm coverslip	WL-2440-2	2 well-slip for 24x40mm coverslip
WL-2240-1	1 well-slip for 22x40mm coverslip	WL-2450-2	2 well-slip for 24x50mm coverslip
WL-2250-1	1 well-slip for 22x50mm coverslip	WL-2460-2	2 well-slip for 24x60mm coverslip
WL-2260-1	1 well-slip for 22x60mm coverslip	WL-2240-4	4 well-slip for 22x40mm coverslip
WL-2432-1	1 well-slip for 24x32mm coverslip	WL-2250-4	4 well-slip for 22x50mm coverslip
WL-2440-1	1 well-slip for 24x40mm coverslip	WL-2440-4	4 well-slip for 24x40mm coverslip
WL-2450-1	1 well-slip for 24x50mm coverslip	WL-2450-4	4 well-slip for 24x50mm coverslip
WL-2460-1	1 well-slip for 24x60mm coverslip	WL-2260-5	5 well-slip for 22x60mm coverslip
WL-2232-2	2 well-slip for 22x32mm coverslip	WL-2460-5	5 well-slip for 24x60mm coverslip
WL-2240-2	2 well-slip for 22x40mm coverslip	WL-2250-8	8 well-slip for 22x50mm coverslip
WL-2250-2	2 well-slip for 22x50mm coverslip	WL-2450-8	8 well-slip for 24x50mm coverslip
WL-2260-2	2 well-slip for 22x60mm coverslip	WL-2260-10	10 well-slip for 22x60mm coverslip
WL-2432-2	2 well-slip for 24x32mm coverslip	WL-2460-10	10 well-slip for 24x60mm coverslip

#### Well-Slide

# Slide glass bottom multi-well magnetic chamber

- · Slide glass bottom multi-well chamber
- · Best for immunohistochemistry staining.
- Replaces an expensive consumable chamber slide.
- Semi-permanent (re-useable).
- Simply remove and replace the bottom slide glass for next use.
- Autocleavable.
- · Uses silicone gaskets to prevent leaking.
- Metal bottom for stable temperature control during live cell imaging.
- Non-toxic, non-reactive polycarbonate material.
- Patented magnetic system for easy assembly.
- Control the temperature and the CO<sub>2</sub> level using Chamlide TC and FC-5 for live cell imaging.



#### **Specifications**

Well-slide internal volume	12 well type	400 $\mu \ell$ / 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

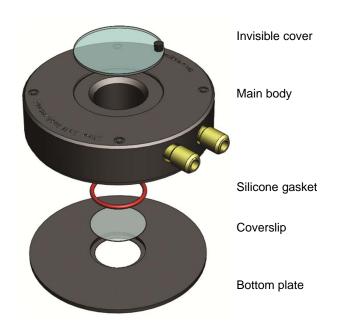
### **Chamlide WC**

# Water circulation magnetic chamber





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



# Specifications

Temperature range Depends on water circulation bath

Circulation water inlet/outlet port size 4 mm (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

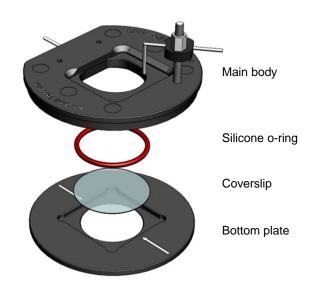
### **Chamlide AC**

### Perfusion type water volume adjustable magnetic chamber





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



#### **Specifications**

Internal volume of perfusion chamber for 18ø coverslip
Internal volume of perfusion chamber for 25ø coverslip
Meterial

Material

Inlet/outlet port tubing size
Chamber physical dimension

Maximum 0.6 ml Maximum 1.5 ml

Main body Black polycarbonate

Bottom plate Black anodized aluminum alloy

1.0 mm (O.D)

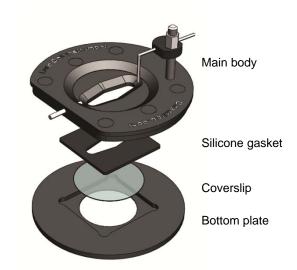
Main body  $55\emptyset \times 5T$ Bottom plate  $55\emptyset \times 2T$ 

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 the patch clamp)



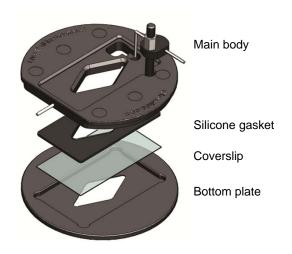
- For the patch clamp experiment
- The opening of the patch clamp type Chamlide AC is wider than the standard type for easy access of external manipulators.
- · For fast medium change, the opening is elliptical.



#### Chamlide AC-PS (Chamlide AC for the patch clamp)



- Minimize water surface fluctuation during perfusion.
- Use 24(22)x40 rectangular coverslip.
- · Other functions and shapes are same as Chamlide AC-P.



#### **Specifications**

AC-P22

AC-P25

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)

Chamlide AC-P for 22mm round coverslip

Chamlide AC-P for 25mm round coverslip

Chamber physical dimension Main body  $55 \varnothing \times 5T$ Bottom plate  $55 \varnothing \times 2T$ 

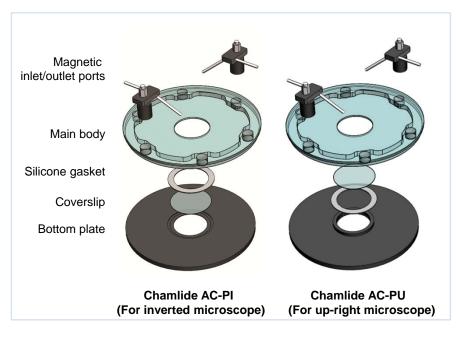
Model No.	Product	Model No.	Product
AC-P15	Chamlide AC-P for 15mm round coverslip	AC-PS2240	Chamlide AC-PS for 22mm x 40 mm rectangular coverslip
AC-P18	Chamlide AC-P for 18mm round coverslip	AC-PS2440	Chamlide AC-PS for 24mm x 40 mm rectangular coverslip
AC-P20	Chamlide AC-P for 20mm round coverslip		

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





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





Model No.	Product	Model No.	Product
AC-PI15	Chamlide AC-PI for 15mm round coverslip	AC-PU15	Chamlide AC-PU for 15mm round coverslip
AC-PI18	Chamlide AC-PI for 18mm round coverslip	AC-PU18	Chamlide AC-PU for 18mm round coverslip
AC-PI20	Chamlide AC-PI for 20mm round coverslip	AC-PU20	Chamlide AC-PU for 20mm round coverslip
AC-PI22	Chamlide AC-PI for 22mm round coverslip	AC-PU22	Chamlide AC-PU for 22mm round coverslip
AC-PI25	Chamlide AC-PI for 25mm round coverslip	AC-PU25	Chamlide AC-PU for 25mm round coverslip
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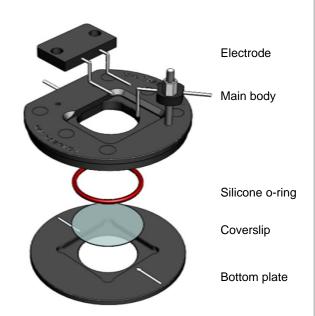
#### **Chamlide EC**

# Perfusion type electric stimulation magnetic chamber





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



#### **Specifications**

Internal volume of perfusion chamber for 18ø coverslip Internal volume of perfusion chamber for 25ø coverslip

Pt electrode

Inlet/outlet port tubing size

Chamber physical dimension

Maximum 0.6ml
Maximum 1.5ml
0.5 mm (O.D) x 30
1.0 mm (O.D)

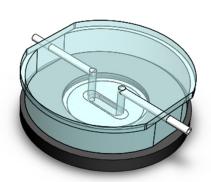
Main body  $55\emptyset \times 5T$ Bottom plate  $55\emptyset \times 2T$ 

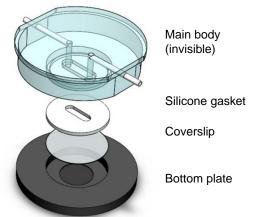
	- · ·
Model No.	Product
EC-B15	Chamlide EC for 15mm round coverslip
EC-B18	Chamlide EC for 18mm round coverslip
EC-B20	Chamlide EC for 20mm round coverslip
EC-B22	Chamlide EC for 22mm round coverslip
EC-B25	Chamlide EC for 25mm round coverslip

### Chamlide CF, Chamlide CF-EC

### Perfusion type closed magnetic chamber, Shear stress chamber

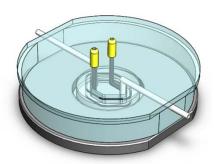
- Very fast medium exchange.
- The thickness of the silicone gasket is even, and the internal volume depends on the height of the projecting part toward the bottom of the main body.
- If the height of the channel is 200 \(m\), it can use for cell adhesion studies by shear stress.
- The shape of gasket inside can be custom-made.

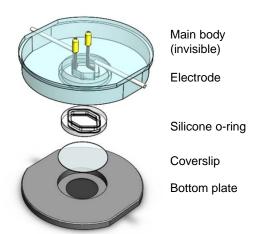




#### Chamlide CF-EC, Electric stimulation CF

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





#### **Specifications**

Magnetic closed chamber internal volume

Depends on channel shape and size

Material

Main body Invisible polycarbonate

Bottom Black anodized aluminum alloy

Gasket Silicone Electrode Platinum

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

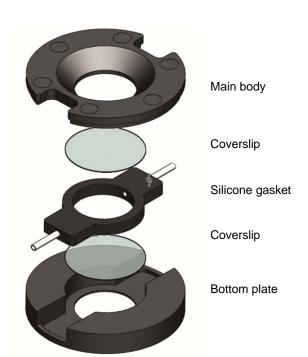
# Chamlide CF using two coverslips





#### For perfect transmission imaging

- Uses a coverslip as a lid.
- · Very good for high quality transmission imaging like DIC.
- · Closed type but perfusion is also possible.
- · Patented magnetic system for easy assembly.
- Uses silicone gasket (2.5mm thickness is the default).
- The size of chamber and width of gasket can be custom-made.
- Use with IHS-101 (the fluidic inline heater) for controlling medium temperature.
- · Control the temperature of the chamber using a heating plate.
- Other functions and features are the same as the standard type Chamlide CF.
- The shape of gasket inside can be custom-made.



#### **Specifications**

Magnetic closed chamber internal volume

Material

Depends on the gasket shape

Main body Black anodized aluminum alloy
Bottom Black anodized aluminum alloy

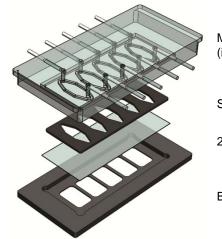
Gasket Silicone

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





Main body (invisible)

Silicone gasket

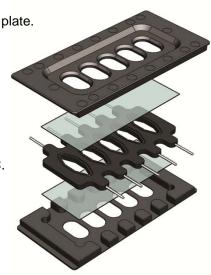
24x60 coverslip

Bottom plate

- Uses a 24 x 60mm coverslip as a bottom for high magnification microscopy.
- Closed type but perfusion is also possible.
- 5 well type is standard but more or less wells are also customized.
- Can individual multi-experiments on a coverslip by the media perfusion.
- Patented magnetic system for easy assembly.
- Control the temperature of the chamber using a heating plate.

#### For perfect transmission imaging

- Uses a coverslip as a lid.
- Very good for high quality transmission imaging like DIC.
- Uses silicone gasket (2.5mm thickness is the default).
- Other functions are same as chamlide PM.



Main body (invisible)

24x60 coverslip

Silicone gasket

24x60 coverslip

Bottom plate

#### **Specifications**

Magnetic closed chamber internal volume

Material

Depends on the channel size and nomber

Main body Invisible polycarbonate (PM)

Anodized aluminum alloy(PM-T)

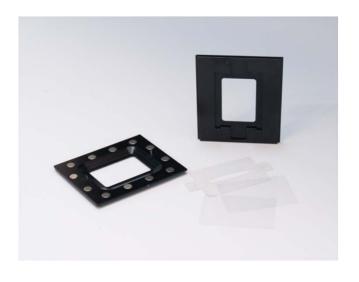
**Bottom** Black anodized aluminum alloy

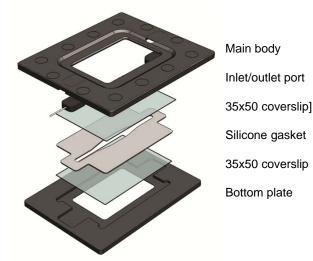
Gasket Silicone

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

#### **Chamlide DF**

#### Dark field chamber





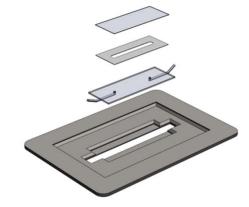
- Easy access of the condenser and the short-working distance lens for the dark field microscope.
- Use two 35 x 50mm coverslips and the internal height is 0.5 mm.
- Patented magnetic system for easy assembly.
- Fluid inlet/outlet to connect peristaltic pump or syringe pump.
- Control the temperature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

#### **Chamlide DF-T**

### 0.1 mm internal height chamber



Heating plate for DF-T



24x60 Cover slip

Paraffin film gasket (0.1mm)

Slide glass with inlet/oulet port

Heating plate

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

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