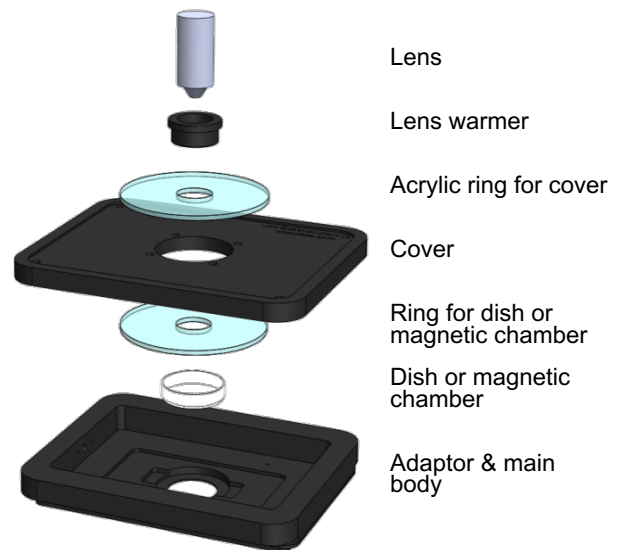


# Chamlide UM

## 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<sub>2</sub> and O<sub>2</sub>.
- Able to program the temperature gradients and to record gas concentrations and temperatures over time

### Specifications

Temperature range	Ambient +3°C ~ +45°C	
Recommended 5% CO <sub>2</sub> / 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.**  
UM-L-10

**Product**  
Chamlide UM