

H117 Incubators

Environmentally stable chamber for live cell imaging



Seamlessly integrating into the range of H117 stages designed for inverted microscopes, this incubator chamber provides an ideal chamber to maintain cells at optimum conditions, particularly over the course of long time lapse experiments.

- An anti-Z drift design minimises thermal drift during long term experiments; allowing higher quality imaging.
- pH and temperature (from ambient to 50 °C) can be finely controlled, optimising the environmental conditions for the specific cells being imaged.
- The performance of the stage itself is not compromised in any way - the precision and reliability of the Prior H117 stage is still fully available.
- An optically clear glass cover is heated to prevent the build up of condensation, maintaining good and stable viewing quality throughout the course of the experiment.
- In addition to the heated chamber, an objective heater is also present to ensure stable temperatures at the region of interest.
- Models with premixed gas control or digital gas mixing are available, allowing the CO₂ concentration to be tightly controlled up to very high (100 %) levels of CO₂.

Products available

Part number	Description
W3561	Incubator with premix gas control, objective heater, stage heater for 35 mm dish holder.
W4194	Digital Gas Mixer (120 V)
W4195	Digital Gas Mixer (24 V)
W3564	Sample holder for 35 mm dish (included with W3561 and W3562)
W3565	Sample holder for 50/60 mm dish
W3566	Sample holder for chamber slide
W3567	Sample holder for cover glass chamber
W3568	Sample holder for slide glass

Worldwide distribution