

Incubator Chamber for H117 Stages

Solutions for Live Cell Imaging



The Incubator has been designed to seamlessly integrate into the H117 product range, replacing the sample holder.

Key Features

- Anti-Z Drift Design
- CLEAR Vision Prevents Condensation
- pH and Temperature Control from Ambient to 50° C
- Rapid Temperature Stabilisation
- Long Term Stable Conditions
- Includes Objective Heater

Long Term Stability

This chamber provides a perfectly stable and optimised environment in which to maintain cells during the course of long term time lapse experiments. It does not compromise the performance of the stage in any way at all.

CLEAR Vision

The system consists of a heated chamber within which the sample is placed. This is covered with an optically clear glass cover that is heated to prevent the build up of condensation and finally there is an objective heater to ensure stable temperatures at the region of interest.

Advanced Controllers

There are a range of controllers available to control both the temperature and also the CO₂ concentration. These can work with pre-mixed as well as 100% CO₂.

Anti-Z Drift

The chamber has been engineered to incorporate an anti Z-axis drift mechanism ensuring that thermal drift during long term experiments is eliminated.

Part Number	Description
W3560	Incubator with heating only, objective heater, stage heater for 35mm dish holder.
W3561	Incubator with premix gas control, objective heater, stage heater for 35mm dish holder.
W3562	Incubator with digital gas mixing, objective heater, stage heater for 35mm dish holder. For 110V. (US)
W3563	Incubator with digital gas mixing, objective heater, stage heater for 35mm dish holder. For 240V. (EU)
Sample Holders	
W3564	For 35mm dish (included with incubator system as standard).
W3565	For 50/60mm dish.
W3566	For chamber slide.
W3567	For cover glass chamber.
W3568	For slide glass.

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Specifications are subject to change without notice.

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