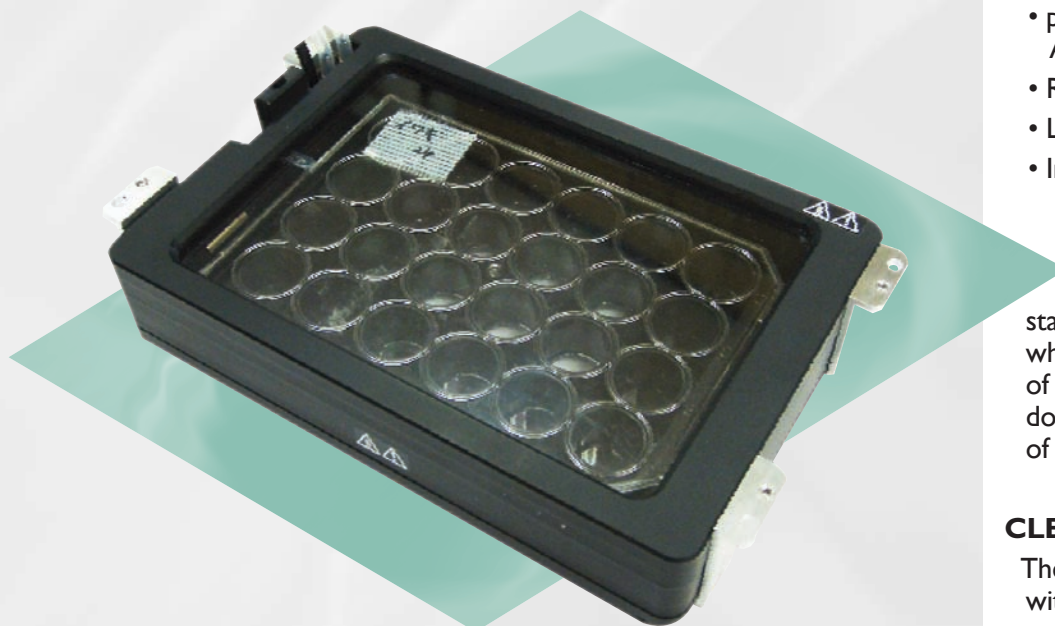


Incubator Chamber for NanoScanZ 250 and 500

PRIOR
Scientific

Solutions for Live Cell Imaging - Well Plate Incubation

Features



The Incubator has been designed to seamlessly integrate into the NanoScanZ 250 and NanoScanZ 500 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 Stabilization
- Long Term Stable Conditions
- Includes Objective Heater

Long Term Stability

This chamber provides a perfectly stable and optimized 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	Incubation Chamber Descriptions
W3718	Incubator with heating only, objective heater, stage heater for 35mm dish holder
W3719	Incubator with premix gas control, objective heater, stage heater for 35mm dish holder
WP1117	Incubator with digital gas mixing, objective heater, stage heater for 35mm dish holder

Part Number	Sample Holders for Microtitre Plates
W3721	Stage heater for microtitre plate for 6 well plate
W3722	Stage heater for microtitre plate for 12 well plate
W3723	Stage heater for microtitre plate for 24 well plate

Part Number	Sample Holders
W3724	For 35mm dish (included with incubator system as standard)
W3725	For 50/60mm dish
W3726	For chamber slide
W3727	For cover glass chamber
W3728	For slide glass

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