

TOP-STAGE INCUBATOR

TEMPERATURE-HUMIDITY-PREMIXED

NANOLIVE
Looking inside life



Top-stage incubator with chamber for application with pre-mixed gas including:

- Temperature controller
- Humidity module
- Flow rate regulator for premixed gas (air + 5% CO₂)
- Chamber with 35mm petri-dish and glass slide holder



TOP-STAGE CONTROLLER

- Temperature Accuracy: $\pm 0.1^\circ\text{C}$ in sample feedback mode (external T-sensor included) and $\pm 0.3^\circ\text{C}$ in chamber feedback mode (embedded T-sensor)
- Temperature Range: 25 to 50 °C
- 4.3" touch screen interface
- Memory for data logging and mini-USB port for data download



HUMIDITY MODULE

- Humidification through combined action of a heated bubbling column and a heated tube
- Controlled via top-stage controller
- Powerful humidifier to ensure ca. 90% of relative humidity inside the top-stage incubator



GAS FLOW REGULATOR

- Pre-mixed gas flow rate can be regulated manually in the range 0.1-0.4 l/min



CHAMBER

- Robust holding to the manual xy stage ensuring high long-term stability
- Magnetic insert for 35mm petri dish and slide
- Glass top lid for perfect atmosphere control and sample access
- Built-in perfusion holes for insertion of tubing

