

TOP-STAGE INCUBATOR

TEMPERATURE-HUMIDITY-100% CO₂

NANOLIVE
Looking inside life



Top-stage incubator with chamber for application with 100% CO₂ cylinder including:

- Temperature controller
- Humidity module
- Manual Air/CO₂ mixer
- Air pump with PTFE filter
- Chamber with 35mm petri-dish and slide holders
- Replacing sponge filter and replacing PTFE filter for Air pump.



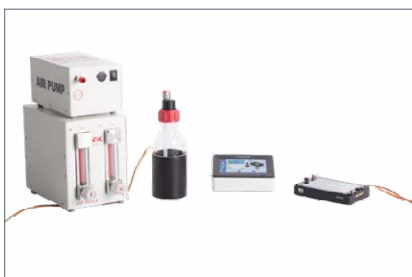
TOP-STAGE CONTROLLER

- 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 $^{\circ}\text{C}$
- 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



2GF-MIXER

- Floating ball flow meter in ranges 0.1-1 l/min for air and 0.013-0.13 l/min for CO₂
- CO₂ range: 0-15%
- Manual Gas Mixer resolution: 1%
- Filtering device: PTFE membrane (0.2 micron pores)



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

