

TOP-STAGE INCUBATOR TEMPERATURE-HUMIDITY-CO₂

NANOLIVE
Looking inside life



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

- Thermal controller
- Humidity module
- Manual Air/CO₂ mixer
- Air pump with PTFE filter added to the connecting tube
- Chamber with 35mm petri-dish holder
- Replacing sponge filter and replacing PTFE filter for Air pump.



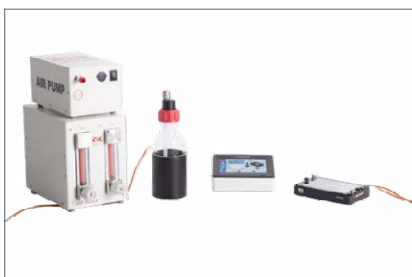
TOP-STAGE CONTROLLER

- Temperature Accuracy: $\pm 0.1^{\circ}\text{C}$ in sample feedback mode and $\pm 0.3^{\circ}\text{C}$ in chamber feedback mode
- Temperature Range: 25 to 50 °C
- 4.3" touch screen interface
- Memory for data logging and mini-USB port for data download
- Includes an external T-Sensor for sample feed-back operation



HUMIDITY MODULE

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



2GF-MIXER

- Pre-mixed gas flow rate can be regulated manually in the range 0.6-1 l/min
- CO₂ range: 0-15%
- Manual Gas Mixer resolution: 1%
- Filtering device: PTFE membrane (0.2 micron pores)
- Dimensions (LxWxH, mm): 220x128x178 mm
- Weight: 3.0 kg



CHAMBER

- Includes magnets for reliable holding to the stage
- Magnetic insert for 35mm petri dish
- Glass top lid for perfect atmosphere control and sample access
- Built-in perfusion holes for insertion of tubing

