

Model EP-Z6000

Humidity Generator/Calibrator



The EP-Z6000 line of humidity generators have a high capacity and uniformity and a 9 inch touchscreen display.

Special Features

- Touch screen display (9 inch)
- RS232/RS485/USB/LAN/WI-FI support
- 2 Liter Chamber Capacity
- Best Uniformity

Technical Specification	
Humidity range	10 – 95% RH
Temperature range	5 – 50°C
Humidity control stability	$\leq \pm 0.2\%$ RH
Temperature control stability	0.1°C(23°C)0.2°C (Full Scale)
Temperature accuracy	$\pm 0.2^\circ\text{C}$
RH accuracy of reference sensor (23°C)	$\pm 1.0\%$ RH(10-90%RH); $\pm 2.0\%$ RH(≥ 10 , $\leq 90\%$ RH)
T&RH stability of the calibration chamber	$\pm 0.2\%$ RH; $\pm 0.1^\circ\text{C}$
T&RH homogeneity of the calibration chamber	$\pm 0.3\%$ RH; $\pm 0.2^\circ\text{C}$
RH adjusting response time	Change with 30%RH costs less than 5 mins
Average cooling speed	1.0°C/min. (Environment temperature less than 23°C)
Heating speed	3.0°C min.
Calibration chamber inside diameter dimension	Ø 110x200mm
Calibration window dimensions	Ø 25mm, Ø 18mm, Ø 15mm, Ø 12mm, special dimension for option
Working environment	-10 – 40°C, 10% - 95%RH (non condensing)
Storage environment	-20 – 70°C, 10% - 95%RH (non condensing)
Desiccant	Silicagel, reusable
Display	9 inch TFT color touch screen
Power supply	100 – 240VAC 1,3A, 50/60Hz
Communication interface	RS485/232, USB, LAN, Wi-Fi*
Dimensions	442x190x401mm (w/h/d) (4U, size of 19 inch rack)
Weight	16kg
Conformity	CE, FCC, VCCI, C-TICK
Certificates	DAkKS on request