

Portable temperature calibrator P-300

Technical description

Characteristic

- portable and easy to use temperature calibrator with a dedicated measuring block
- diameters of sensor covers that can be placed in the measuring block:
 - A [mm]: $\varnothing 1,5$; 2; 3; 4; 4,5; 6
 - B [mm]: $\varnothing 3$; 4,5; 6; 9
 - C [mm]: $\varnothing 1,5$; 3; 4; 4,5; 6; 8
 - D [mm]: $\varnothing 4,5$; 12
- draft immersion depth [mm]: 89 ± 100
- measuring range: $(33 \pm 300) \text{ }^\circ\text{C}$
- accuracy:
 - $(33 \pm 100) \text{ }^\circ\text{C}$; $\pm 0,5 \text{ }^\circ\text{C}$
 - $(100 \pm 300) \text{ }^\circ\text{C}$; $\pm 1 \text{ }^\circ\text{C}$
 - holes larger than 6 mm; $\pm 2 \text{ }^\circ\text{C}$
- stability: $\pm 0,3 \text{ }^\circ\text{C}$
- heating time: $\sim 10 \text{ min.}$ $(33 \pm 300) \text{ }^\circ\text{C}$
- cooling time: $\sim 15 \text{ min.}$ $(300 \pm 100) \text{ }^\circ\text{C}$
- stabilization: ok 5 min.
- power: 230 V AC, 175 W
- manufacturer's calibration certificate at temperatures $(50 \text{ }^\circ\text{C}; 100 \text{ }^\circ\text{C}; 150 \text{ }^\circ\text{C}; 200 \text{ }^\circ\text{C}; 250 \text{ }^\circ\text{C}; 300 \text{ }^\circ\text{C})$
- dimensions [mm]: 55x114x146
- weight [kg]: 1,3



Ordering example

Portable temperature calibrator P-300A

Calibration bath FLUID 100/200

Dane techniczne

Characteristic

- temperature range:
 - Fluid 100: $(-10 \pm 125) \text{ }^\circ\text{C}$
 - Fluid 200: from ambient temperature to $200 \text{ }^\circ\text{C}$
- stability: $\pm 0.02 \text{ }^\circ\text{C}$ at $150 \text{ }^\circ\text{C}$
- radial / linear irregularity: $\pm 0,03/\pm 0,03 \text{ }^\circ\text{C}$
- indication accuracy: $\pm 0,15 \text{ }^\circ\text{C}$
- resolution: 0,1/0,01 $^\circ\text{C}$
- pit depth [mm]: 150
- measuring hole [mm]: $\varnothing 50$
- heating time: $10 \text{ }^\circ\text{C}/\text{min.}$
- cooling time: $3 \text{ }^\circ\text{C}/\text{min.}$
- RS232 interface
- manufacturer's calibration certificate
- power source: 230 V AC 500 VA
- thermostat filling: water to temperature $90 \text{ }^\circ\text{C}$;
above $200 \text{ }^\circ\text{C}$ silicone oil (delivered with bath tub)
- dimension [mm]: 330x340x160
- weight [kg]: 8

Additional functions

- recalibration certificate
- additional socket for external Pt100 3, 4-wire sensor and thermocouples J, K, N, R, S
- calibrating software
- case



Ordering example

Calibration bath FLUID 100/200