

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: $(33 \pm 300) ^\circ\text{C}$
- accuracy:
 - $(33 \pm 100) ^\circ\text{C}$; $\pm 0,5 ^\circ\text{C}$
 - $(100 \pm 300) ^\circ\text{C}$; $\pm 1 ^\circ\text{C}$
 - holes larger than 6 mm; $\pm 2 ^\circ\text{C}$
- stability: $\pm 0,3 ^\circ\text{C}$
- heating time: ~ 10 min. $(33 \pm 300) ^\circ\text{C}$
- cooling time: ~ 15 min. $(300 \pm 100) ^\circ\text{C}$
- stabilization: ok 5 min.
- power: 230 V AC, 175 W
- manufacturer's calibration certificate at temperatures $(50 ^\circ\text{C}$; $100 ^\circ\text{C}$; $150 ^\circ\text{C}$; $200 ^\circ\text{C}$; $250 ^\circ\text{C}$; $300 ^\circ\text{C}$)
- 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: $(-10 \pm 125) ^\circ\text{C}$
 - Fluid 200: from ambient temperature to $200 ^\circ\text{C}$
- stability: $\pm 0.02 ^\circ\text{C}$ at $150 ^\circ\text{C}$
- radial / linear irregularity: $\pm 0,03/\pm 0,03 ^\circ\text{C}$
- indication accuracy: $\pm 0,15 ^\circ\text{C}$
- resolution: 0,1/0,01 $^\circ\text{C}$
- pit depth [mm]: 150
- measuring hole [mm]: $\varnothing 50$
- heating time: $10 ^\circ\text{C}/\text{min.}$
- cooling time: $3 ^\circ\text{C}/\text{min.}$
- RS232 interface
- manufacturer's calibration certificate
- power source: 230 V AC 500 VA
- thermostat filling: water to temperature $90 ^\circ\text{C}$;
above $200 ^\circ\text{C}$ 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