

Waterbath with circulation pump

Model WPE 45



Standard equipment

Control

- fuzzy-supported PID microprocessor controller with integrated autodiagnostic system with fault indication
- solid state switching unit
- 2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value
- digital timer from 1 min. up to 999 hours for: ON (continuous operation), DELAYED ON, HOLD or HOLD set-temperature dependent with guaranteed holding time
- pump can be switched on and off
- pump is switched off at programme end
- digital display (LED) of all set parameters, such as temperature and alarm values (0,1 °C resolution) as well as time values
- calibration facility on controller
- audible and visual alarm at programme end and as input acknowledgement as well as in case of low liquid level; heating is switched off automatically

Triple Overtemperature Protection

- in case of overtemperature due to failure, the heating is switched off at approx. 10 °C above the set temperature (fixed value)
- independently working, electronic overtemperature controller TWW protection class 3.1 or overtemperature limiter TWB protection class 2, adjustable in set-up menu by customer
- resolution of display and setting accuracy: 0,1 °C below 99,9 °C, 1 °C above 100 °C
- mechanical temperature limiter TB protection class 1 switching the heating off at approx. 30 °C above max. temperature of the bath

Textured Stainless Steel Casing

- l x w x h: 818 x 516 x 296 mm
- material 1.4301 (ASTM 304), corrosion resistant

Interior - Heating Concept

- l x w x h: 590 x 350 x 220 mm, 45 l
- easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing, material no. 1.4301 (ASTM 304), laser-welded
- corrosion-proof large-area heating on three sides

Temperature Range

- min. 15 °C above ambient up to +95 °C

Voltage / Power Rating

- 230 V (+/- 10%), 50 Hz
- approx. 2.800 W (during heating)

Packing Data

- net weight approx. 32 kg
- gross weight carton approx. 35 kg
- dimensions approx.:
carton w x h x d: 91 x 61 x 46 cm
- the appliances must be transported upright

Customs Tariff Number

- 8419 8998

Country of Origin

- Federal Republic of Germany

WEEE-Reg.-No.

- DE 66812464

Accessories

- Flat stainless steel cover with openings and concentric ring sets (8 openings / 107 mm diameter) L0
- Flat stainless steel cover with openings and concentric ring sets (4 openings / 147 mm diameter) L2
- Gable stainless steel cover mounted for condensate drainage L1

- Water level control (for WNB, WNE, WPE) L3

- Works calibration certificate (37 °C for WNE, WPE; 160 °C for ONE) Z4