

Technical datasheet

Circulating Laboratory Water Bath Series

Temperature-controlled water baths with internal circulation and external connections for heating laboratory vessels. Two controller variants cover different temperature accuracy requirements.



Image shows PT-WBA-018 with LCD controller. PT-WBA-014 uses a dual-window LED display.

Key features

Internal circulation and external heating connections

Temperature indication correction

Pump flow ≥ 8 L/min

Standard Configuration

Bath with stainless steel chamber, temperature controller, insulated housing and circulation pump. Display type depends on the model.

Optional Accessories

Heating fluid, external hoses and vessel accessories are not identified as included. Confirm compatible fluid, tubing and the final delivery list when requesting a quote.

Technical Information

Parameter	Value
Temperature range	Ambient to 100 °C
Pump flow	≥8 L/min
External ports: OD / ID (mm)	10 / 8
Electrical supply	220 V / 50 Hz
Heating power	1000 W
Opening (mm)	200 × 180
Chamber dimensions (mm)	400 × 280 × 180
External dimensions (mm)	460 × 400 × 350
Net / gross mass (kg)	14 / 16.5

Technical Information

Parameter	PT-WBA-014	PT-WBA-018
Temperature accuracy	$\pm 0.1\text{ }^{\circ}\text{C}$	$\pm 0.01\text{ }^{\circ}\text{C}$
Temperature fluctuation	$\pm 0.1\text{ }^{\circ}\text{C}$	$\pm 0.02\text{ }^{\circ}\text{C}$
Temperature uniformity	$\pm 0.1\text{ }^{\circ}\text{C}$	$\pm 0.02\text{ }^{\circ}\text{C}$
Display	LED	LCD

Selection / Ordering Information

Specify the model, operating temperature, external vessel and required electrical supply. Confirm fluid suitability, tubing compatibility and operating limits before ordering.