

TLA-550P

High Temperature Calibration Salt Bath



- * Stability and homogeneity on the order of a thousandth of a degree Celsius.

- * Reaches the metrological capacity limit between thermal bath and fixed-point cell.

- * Large volume, 25 liters, allows for calibration of multiple sensors at the same time.

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until 550 °C



Technical Specifications

TLA-550P - High Temperature Calibration Salt Bath

Model	TLA-550P
Operating Range ambient temperature: 23 °C	from 180 °C to 550 °C
Display Accuracy:	± 1.0 °C
Resolution:	0.001 °C
Stability:	± 0.005 °C at 200 °C (salt) ± 0.010 °C at 550 °C (salt)
Uniformity:	± 0.007 °C at 200 °C (salt) ± 0.020 °C at 550 °C (salt)
Heater power:	400 W (one heater) or 2000 W (5 heaters)
Access opening:	150 mm x 280 mm
Tank depth:	300 mm
Tank material:	304 Stainless Steel
Volume:	25 liters of salt, approximately 50 kg of salt
Salt type:	Potassium nitrate, sodium nitrite, and sodium nitrate
Electrical Power:	230 Vac (± 10%), 50/60 Hz, 10A
Weight:	80kg with fluid / 50kg without fluid
Dimensions (HxWxD):	1200 x 500 x 660 mm

Dimensional Drawing

