

TM650 TEMPERATURE CALIBRATOR



Specifications:

Regulation of the heating block	with digital microprocessor-based PID-regulator TLK 38
Adjustment range of the block temperature	between 0°C (or ambient) and 650°C (600°C for 2 year cal.interval), resolution 1°C
Stability of the block temperature	± 0,5°C
Accuracy of the temperature indication	± 1,5°C (1 year calibration interval) ± 3,0°C (2 years calibration interval)
Behavior in case of over-heating	internal temperature fuse short circuits the main power fuse
Display for temperature indication	red, 4-digit, 7-segment LED, 12 mm high
Range of indication	0,0 to +650,0°C, with resolution 1°C
Units	°C or °F (option when ordering only)
Indication of sensor break	----
Heating elements	2 x 230VAC 800W heating elements
Power supply	230 VAC ±10 %, 50/60 Hz 115 VAC ±15 %, 50/60 Hz (option when ordering only)
Power consumption	1650 W maximum (230 VAC)
Operating temperature	0 ... 50°C
Operating humidity	30 ... 95 RH% without condensation

Dimensions

Heating block bore / depth	ø25.5 mm / 155 mm
Probe inserts /adaptor sleeves	inner hole diameters ø 6.5 mm, 14.0 mm and 17.0mm (optional diameters available on request)

Housing:

width	app. 127 mm
height	app. 270 mm + 30 mm
depth	app. 255 mm
weight	app. 6.65 kg without probe insert / adaptor sleeve app. 7.25 kg with ø 6.5 mm probe insert / adaptor sleeve