

Calibrator

Portable, -35 °C to 165 °C



Specifications:

Model	: TP M165 S
Temperature range	: -35 °C to 165 °C
Display resolution	: 0,01 °C , -9,99 up to +99,99, else 0,1 °C
Control function	: Internal reference sensor
Changeover	: to different functions at controller with alternating display
Display	: 2- line, 4 digit digital display, 7mm reference temperature (PV) red set point temperature (SV) green
Control with	: digital PID controller automatic fine adjustment with soft start for fan Manual control of the temperature by hand set point store for 4 temperature values Gradient control programmable °C/min Ramp function, programmable temperature profile Working-and service hour counter
Serial	: RS 485 interface (incl protocol)
Block dimensions	: diameter 60mm, dept 150mm (170mm)
Power supply	: 100...240 VAC, 50/60Hz
Dimensions	: 210 x 380 +50 x 300mm
Weight	: 12,5kg
Including accessories	: magnet stirrer, sensor basket, screw cap, suction pump, sensor lid with 5 silicone plugs
Micro bath function	: use as RPM-regulated liquid bath
Tolerance	: +/- 0,1 °C
Stability of bath control	: +/- 0,05 °C
Linearization	: at 6 points

Ordering code:

TP M 165 S

TP M 165 S, dry block, tolerance +/- 0,3 °C, stability +/- 0,05 °C

TP M 165 S, dry block, IR function, tolerance +/- 0,5 °C, stability +/- 0,05 °C

Calibrator

Portable, -35 °C to 165 °C



Service and transport case of solid aluminium



Aluminium adaptor sleeves 60/150 for:

TP M XXX S X

Diameter :60mm, depth 163mm

Inside diameter :between 1,5 mm and 55mm, in steps of 0,5mm



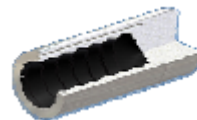
IR adaptor sleeve 60/150

For TP Multi

Diameter :60mm, depth 150mm

Inside diameter :1,5mm and 25mm

Bore for reference : 2 x 3mm ,or 1 x 4mm



Surface adaptor sleeves 60/204

TP M XXX S X

Diameter :60mm, depth 204mm

Bore for reference :2 x 3mm or 1 x 4mm



Other temperature ranges are available range ambient to 450 °C

Type TP 17 450 S and TP 17 450 S/U