

TP 3M 165 E



Scope of delivery

- Test certificate
- Mains cable
- Insert exchange tool
- PC- and network cable
- Operating manual
- Sensor basket, suction pump, transport cover
- Magnetic stirrer with magnet lifter
- Sensor lid with 5 silicone plugs

Optional accessories

- Transport case
- Adapter sleeve
- Tube insert
- Infrared calibration sleeve
- Surface calibration sleeve
- External reference sensor TF 255-3-300
- PC software
- Network-switch, barcode-reader, WLAN-router
- DKD certificate
- Works certificate

Technical data	
Type	TP 3M 165 E
Control sensor	Switchable internal / external
Micro Bath	
Temperature range	-35...165 °C
Tolerance	±0.1 °C
Stability	±0.05 °C
Measurement zone	110...150 mm
Dry block	
Temperature range	-35...165 °C
Tolerance	±0.3 °C
Stability	±0.05 °C
Measurement zone	123...163 mm
Infrared	
Temperature range	-35...165 °C
Tolerance	±0.5 °C
Stability	±0.05 °C
Measurement zone	110 mm
Surface	
Temperature range	-25...150 °C
Tolerance	±1 °C
Stability	±0.2 °C
Measurement zone	
Block	
	Ø 60 mm / depth 170 mm
Display	
Display	Brilliant Color-Touchscreen (7") Viewing angle 120...140° Brightness 400 cd / m ² Unit °C / °F
Display range	-50...165 °C
Resolution	0.1 / 0.01 / 0.001 °C
General data	
Dimensions	
→ Width	210 mm
→ Height	380 + 50 mm
→ Depth	300 mm
Weight	Approx. 13 kg
Power supply	100...240 VAC, 50 / 60 Hz
Power consumption	Approx. 400 VA