

TP M 165 S



Scope of delivery

- Test certificate
- Mains cable
- Operating manual
- Sensor basket, suction pump, transport cover
- Magnetic stirrer with magnet lifter
- Sensor lid with 5 silicone plugs

Accessories

- Calibration liquid
- Transport case
- Tube insert
- PC software
- PC cable
- DAkkS certificate
- Works certificate

Technical data

Type	TP M 165 S	
Control sensor	Internal	
Micro Bath		
Temperature range*	-35...165 °C	-31...329 °F
Accuracy	±0.1 °C	±0.18 °F
Stability	±0.05 °C	±0.09 °F
Measurement zone	110...150 mm	4.33...5.91 in
Block dimensions		
→ Diameter	Ø 60 mm	Ø 2.36 in
→ Depth	170 mm	6.69 in
Display unit		
Display	2-line, 4-digit display Red / green, unit °C / °F	
Display range	-50...165 °C	-58...329 °F
Resolution	0.01 °C between -9.99...99.99 °C, else 0.1 °C	0.01 °F between -9.99...99.99 °F, else 0.1 °F
General data		
Interface	RS485, RS232 or USB (optional)	
Dimensions		
→ Width	210 mm	8.27 in
→ Height	380 + 50 mm	14.96 + 1.97 in
→ Depth	300 mm	11.81 in
Weight	Approx. 12.5 kg	Approx. 27.56 lbs
Power supply	100...240 VAC, 50 / 60 Hz	
Power consumption	Approx. 375 W	

* At an ambient temperature of 20 °C / 68 °F

TP M 255 S



Scope of delivery

- Test certificate
- Mains cable
- Operating manual
- Sensor basket, suction pump, transport cover
- Magnetic stirrer with magnet lifter
- Sensor lid with 5 silicone plugs

Accessories

- Calibration liquid
- Transport case
- Service transport bag
- Tube insert
- PC software
- PC cable
- DAkkS certificate
- Works certificate

Technical data

Type	TP M 255 S	
Control sensor	Internal	
Micro Bath		
Temperature range*	RT...255 °C	RT...491 °F
Accuracy	±0.2 °C	±0.36 °F
Stability	±0.05 °C	±0.09 °F
Measurement zone	110...150 mm	4.33...5.91 in
Block dimensions		
→ Diameter	Ø 60 mm	Ø 2.36 in
→ Depth	170 mm	6.69 in
Display unit		
Display	2-line, 4-digit display Red / green, unit °C / °F	
Display range	0...255 °C	32...491 °F
Resolution	0.01 °C between RT...99.99 °C, else 0.1 °C	0.01 °F between RT...99.99 °F, else 0.1 °F
General data		
Interface	RS485, RS232 or USB (optional)	
Dimensions		
→ Width	150 mm	5.91 in
→ Height	330 + 70 mm	12.99 + 2.76 in
→ Depth	270 mm	10.63 in
Weight	Approx. 7.5 kg	Approx. 16.53 lbs
Power supply	230 / 240 VAC, 50 / 60 Hz, optional 100...115 VAC, 50 / 60 Hz optional 100...240 VAC, 50 / 60 Hz	
Power consumption	Approx. 1000 W	

* At an ambient temperature of 20 °C / 68 °F