

TP 17 450 S

Technical data		
Type	TP 17 450 S	
Control sensor	Internal	
Dry block		
Temperature range*	RT...450 °C	RT...842 °F
Accuracy	±0.3 °C	±0.54 °F
Stability	±0.05 °C	±0.09 °F
Measurement zone	110...150 mm	4.33...5.91 in
Infrared		
Temperature range*	RT...450 °C	RT...842 °F
Accuracy	±0.5 °C	±0.9 °F
Stability	±0.05 °C	±0.09 °F
Measurement zone	110 mm	4.33 in
Block dimensions		
→ Diameter	Ø 60 mm	Ø 2.36 in
→ Depth	150 mm	5.91 in
Display unit		
Display	2-line, 4-digit display Red / green, unit °C / °F	
Display range	0...450 °C	32...842 °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	
Power consumption	Approx. 2000 W	

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

Type TP 17 450 S



Scope of delivery

- Test certificate
- Mains cable
- Insert exchange tool
- Operating manual

Accessories

- Transport case
- Service transport bag
- Adapter sleeve
- PC software
- PC cable
- DAkkS certificate
- Works certificate



The TP 17 450 S temperature calibrator model has a very large calibration volume.