

Overview temperature calibrators

	TP Basic				TP Solid						TP Premium					
-55...200 °C			TP 17 200		TP 17 200 S											
-35...165 °C		TP 17165 M	TP 17 165	TP 17 166	TP 17 165 S		TP 17 166 S	TP M 165 S	TP 17 166 S-U	TP M 165 S-U	TP 38 165 E		TP 38 165	TP 3M 165 E		
-10...100 °C					TP 17 Zero											
RT...200 °C	TP 18 200 E															
RT...225 °C								TP M 225 S		TP M 225 S-U						
RT...255 °C								TP M 255 S								
RT...450 °C				TP 17 450			TP 17 450 S		TP 17 450 S-U							
RT...650 °C		TP 17 650 M	TP 17650		TP 17 650 S						TP 38 650 E		TP 38 650			
RT...850 °C	TP 18 850 E					TP 28 850 E										
400...1300 °C												TP 28 1300				
Metrology*																
Best Resolution	1 °C	1 °C	0.1 °C	0.1 °C	0.01 °C	0.01 °C	0.01 °C	0.01 °C	0.01 °C	0.01 °C	0.01 °C	0.01 °C	0.5 °C	0.01 °C	0.01	
Stability	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.05 °C	0.05 °C	0.05 °C	0.05 °C	0.05 °C	0.05 °C	0.05 °C	0.05 °C	-0.03 °C	0.5 °C	-0.03 °C	0.05 °C
Tolerance	1 °C	1 °C	< 0.8 °C	< 0.6 °C	< 0.4 °C	< 0.5 °C	< 0.3 °C	< 0.2 °C	< 0.3 °C	< 0.2 °C	< 0.2 °C	< 0.2 °C	2 °C	< 0.2 °C	< 0.2 °C	
Testholder																
Block Ø	18 / 28 mm	28 mm	28 mm	60 mm	6.5 / 28 mm	18 / 28 mm	60 mm	60 mm	60 mm	60 mm	28 mm	28 mm	28 mm	60 mm		
Dry block	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Infrared							✓	✓	✓	✓				✓		
Microbath								✓		✓				✓		
Surface									✓	✓				✓		
Scope of delivery																
PC connection					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
External reference connection									✓	✓			✓	✓		
Internal precision measuring instrument												✓	✓			
Data logger function													✓			
Controller OFF			✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		
Manual control			✓	✓	✓		✓	✓	✓	✓			✓	✓		
Set-value memory					✓		✓	✓	✓	✓	✓		✓	✓		
Temperature levels					✓		✓	✓	✓	✓	✓		✓	✓		
Gradient control					✓		✓	✓	✓	✓	✓		✓	✓		
Periodic counter	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		
Optional accessories																
Transport case	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Service transport bag**		✓	✓	✓	✓		✓		✓					✓		
PC-Software					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PC-Cable					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Precision measuring instrument											✓					
External calibration reference sensor													✓			

* The specifications listed are for guidance.
 Detailed information can be found on the individual product pages.
 ** For calibrators with slim body only

