

2000 Series

Built for **speed, accuracy and performance at an affordable price**, the robust 2000 series of hand-held digital thermometers provides a range of enhanced features to meet the changing demands of both **industrial and food environments**.

The rugged 2000 Series provides precise, **stable readings and high accuracy** even in the **harshest of environments**. They are **simple to operate, fast, reliable and built to last**. In this unique range we can offer advanced features such as logging and dual input instruments which combined with interchangeable probe options makes this series a leader in its field. Optional coloured rubber boots add protection and style to these multi-functional instruments.

General Specification

Resolution:	0.1° from -199.9°C to +199.9°C -199.9°F to +392.0°F 1°C elsewhere
Ambient Operating Temperature:	-10°C to +50°C/+14°F to +122°F (ambient)
Battery Type:	Two AA or equivalent cells (not supplied)
Battery Life:	Typically 500 hours
Low Battery Check:	Symbol appears on display
Display:	12.7mm / 0.5" custom L.C.D.
Sensor Open Circuit:	Indicated by 'O-C' on display
Overrange/Underrange:	'Out' displayed
Cold Junction Compensation:	Yes
Environmental Specifications:	IP65 (IP67 optional)
Auto Switch-Off Time:	12 minutes
Dimensions:	155 x 67 x 40mm/6.1 x 2.6 x 1.6"
Weight:	180g/6.4oz



2000T Model

For other options, please contact us digitronsales@rototherm.co.uk or +44 (0)1656 740551

Key Features and Benefits

- Logging mode – enabling retrieval and output of readings
- Long battery life – typically 500 hours
- Accurate performance – 0.2% of reading
- Robust Case – Ensuring long life in demanding and harsh environments
- Selectable auto switch-off – saves on operational costs
- Automatic zero calibration – for added accuracy

Optional Extras

- 2000BT – Protective Rubber Sleeve
- Carry Case
- Various Probe Options
- Calibration Certificate
- Digilink Logging Interface
- Software

Main Applications

A **world leader** in digital thermometers, Rototherm has become the standard for accurate and reliable measurement across the following industries:



Industrial



Food & Beverage

Model Specification

Model Options	2000T	2006T	2024T	2046T	2029T	2038T
Sensor Type	K	T	Pt100	Thermistor	K, T, JNRS	K, T, JNRS
Connector Type	2 pin mini	2 pin mini	TCM screw	Plug	2 pin mini	2 pin mini
°C/°F Function*			•		•	•
Hold Function	•	•	•	•	•	•
Range Lock			•		•	•
Max/Min			•		•	•
Averaging			•			
Differential Input						•
Accuracy	2000T	0.1% rdg ±0.2°C/0.4°F above -100°C/ -148°F 0.5% rdg ±0.2°C/0.4°F below -100°C/-148°F				
	2006T	±0.2°C/0.4°F over range -20°C to +70°C/ -4°F to +158°F ±0.1% rdg ±0.2°C/0.4°F elsewhere				
	2024T	±0.2% rdg ±0.1°C/0.2°F over range -150°C to +800°C/ -238°F to +1472°F				
	2046T	Better than ±0.5°C/0.9°F over range -20°C to +70°C/ -4°F to +158°F ±0.8°C/1.4°F elsewhere				
	2029T	0.1% rdg ±0.2°C/0.4°F above -100°C/ -148°F 0.5% rdg ±0.2°C/0.4°F below -100°C/-148°F				
	2038T	0.1% rdg ±0.2°C/0.4°F above -100°C/-148°F 0.5% rdg ±0.2°C/0.4°F below -100°C/-148°F				
Range	2000T	-200°C to +1350°C/ -328°F to +2462°F	2029T/ 2038T T		-250°C to +400°C/ -418°F to + 752°F	
	2006T	-250°C to +400°C/ -418°F to +752°F	2029T/ 2038T J		-750°C to +750°C/ -1318°F to 1382°F	
	2024T	-150°C to +800°C/ -238°F to +1472°F	2029T/ 2038T N		-200°C to +1300°C/ -328°F to +2372°F	
	2046T	-40°C to +120°C/ -40°F to +248°F	2029T/ 2038T R		0°C to +1750°C/ +32°F to 3182°F	
	2029T/ 2038T K	-200°C to +1350°C/ -328°F to +2462°F	2029T/ 2038T S		0°C to +1750°C/ +32°F to 3182°F	

Technical Certification

- Certificate of Conformity
- Factory Test Certificate
- Factory Calibration Certificate

Export Documentation

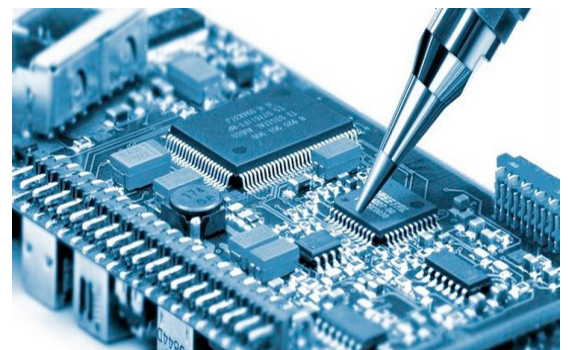
- Certificate of Origin
- EUR1
- ATR

Calibration and After-Sales Support

- Fully trained field service personnel
- Use of UKAS certified calibration equipment
- 5 day turnaround
- Fixed pricing
- Approved manufacturer parts
- Full post-service reports
- 12 month warranty



ISO9001:2008
FM11958



For more information, please contact our service team
digitronservice@rototherm.co.uk