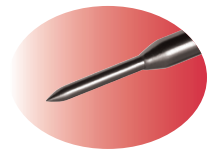


Thermapen™ 1 & 5

fast response thermometers

- ✓ guaranteed to reach the temperature in just four seconds
- ✓ over 50% faster response than traditional probes
- ✓ two models 0.1°C or 1°C resolution
- ✓ one-handed operation



The Fast Response (FR) Thermapen pocket thermometers are 'probably' the fastest reading contact thermometers on the market today. The true temperature of a product can be tested by the FR Thermapen in just four seconds.

The response time of any thermometer is dependant on many factors, the mass of the sensing tip, heat transfer and, most importantly, the state of the substance being measured. With both air and liquid, agitation is crucial to rapid response. The ETI calibration laboratory has tested the FR Thermapen in a stirred water bath with amazing results. Each FR Thermapen reached 100% of the test temperature in four seconds.

The FR Thermapen incorporates a clear digital display with a precise read-out of temperature over the range of -49.9 to +199.9°C or -50 to +300°C with a 0.1°C or 1°C resolution. Both low battery and open circuit indication are also displayed, when applicable. The Thermapen is powered by a 12 volt MN21 alkaline battery with a minimum life expectancy of 100 hours and is supplied with a detachable wrist strap, battery and instruction card.



optional Thermapen accessories

The protective wallet and zip pouch (pictured left), both with belt loops, help to protect instruments against accidental damage.

The black acrylic wall bracket (pictured right) stores the instrument safely (screws not supplied).



specification	FR Thermapen 1	FR Thermapen 5
range	-49.9 to +199.9°C	-50 to +300°C
resolution	0.1°C	1°C
accuracy	±0.4°C ±1 digit	±1% ±1 digit
battery	12 volt MN21	
battery life	100 hours	
sensor type	K thermocouple	
display	12.7mm LCD	
dimensions	19 x 47 x 153mm	
weight	97 grams	

a traceable certificate of calibration is included with each instrument

order code	description
211-571	FR Thermapen 1
211-575	FR Thermapen 5
830-110	protective wallet
830-001	zip pouch
832-200	wall bracket



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