

# Thermapen™ Thermometer

## with air, surface or penetration probe

- temperature range -49.9 to 299.9 °C
- lightweight, compact & easy to use
- foldaway stainless steel probe
- auto-power on/off facility

The Thermapen thermometer incorporates a large digital display with a precise read-out over the range of -49.9 to 299.9 °C with a 0.1 °C resolution and an accuracy of ±0.4 °C. The resolution can be switched to 1 °C, if required, via a switch in the battery compartment. The thermometer will power off automatically after ten minutes, maximising battery life. This feature can be disabled if not required. Both low battery (icon) and open circuit indication are also displayed, when applicable. Each Thermapen is powered by two lithium coin cell batteries with a minimum life expectancy of 1500 hours.

The Thermapen thermometer probe conveniently folds back through 180 degrees into the side of the instrument when not in use. The casing is washable and includes 'Biomaster' additive that reduces bacteria growth and the ergonomic rubber seal minimises the risk of the ingress of water and dust particles.

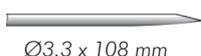


### choice of probe styles

The Thermapen thermometer is also available with three alternative styles of probe; surface, air or penetration. The fast response air probe is an invaluable tool in establishing the correct air temperature quickly in HVAC and laboratory applications. The surface probe is particularly useful in determining the temperature of hot plates or pipe temperatures etc. **Please note:** the accuracy and speed of response will be dependant on whether the surface is flat and heat transfer compound is used.

### penetration probe

This strong, versatile penetration probe with a pointed, general purpose tip is suitable for insertion into liquids and semi-solid materials.



Ø3.3 x 108 mm



### surface probe

This ribbon surface probe is ideal for measuring the temperature of bearings, hotplates, pipework and other flat surfaces.



Ø8 x 95 mm

### air probe

This fast response air probe is ideal for measuring the air temperature in laboratories and other temperature sensitive working areas.



Ø3.3 x 95 mm



#### order code description

231-210	Thermapen white - penetration probe
231-212	Thermapen white - surface probe
231-214	Thermapen white - air probe
830-260	protective silicone boot
830-265	silicone boot - glow in dark
830-110	protective wallet
832-200	wall bracket

*Thermapen is supplied in a zip pouch (830-001)*

specification	Thermapen
range	-49.9 to 299.9 °C
resolution	0.1 °C or 1 °C - user selectable
accuracy	±0.4 °C (-49.9 to 199.9 °C) or ±1 °C
battery	2 x 3 volt CR2032 lithium coin cell
battery life	1500 hours
sensor type	K thermocouple
display	14.3 mm LCD
dimensions	19 x 47 x 153 mm
weight	97 grams

*FREE traceable certificate of calibration included*