

The INSTRU 01801 is designed to use K-type thermocouple as temperature sensor.

The user can easily switch from °C to °F or from °F to °C by pressing its switchable button.

The INSTRU 01801 is also an ideal partner for tough applications when taking daily temperature measurement in industry.

CHARACTERISTICS

- Accept K Type thermocouple
- Maximum reading memory
- Meter includes one K-type thermocouple probe, 9V battery, Manual, Hard plastic case.
- Low battery indicator
- Hold function
- Temperature coefficient: 0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C
- °C / °F unit switchable
- Auto power off (20min), disable sleep mode
- The INSTRU 01801 complies with the essential protection requirements of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility



SPECIFICATIONS

Temperature	
Range	-50°C~1300°C
Measurement Range	-50°C~1300°C -58°F~1999°F
Operation	0~50°C (0~85% RH, non condensing)
Accuracy	-50°C~1000°C ±(0.3% rdg + 1°C) 1000°C~1300°C ±(0.5% rdg + 1°C) -58°F~1800°F ±(0.3% rdg + 2°F) 1800°F~1999°F ±(0.5% rdg + 2°F) (18°C~28°C ambient temperature)

Sampling Rates	2.5 per second
Power supply	9 Volt, battery life: 200 hours
Display	37mm x 42mm LCD Maximum reading 1999
Dimensions	181mm x 71mm x 30mm
Switchable resolution	0.1 and 1.0 degree

REV 0304a



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AUTOMAT MEDICION SRL. Dr R. Bielsa 175 (ex Morlote)
C1427AZA Buenos Aires. Argentina. Tel.: (54-11) 4555-0055
Fax: (54-11)4555-0444 e-mail:automat@automat.com.ar-www.automat.com.ar