

# ITE-8031 Digital thermometer



We are proud to present our brand new digital thermometer **ITE-8031**, which replaces our old model ITE-8030. The **ITE-8031** offers more features than the previous model. This high quality thermometer is suitable for use with any K-type thermocouple. Each thermometer comes with a 9V battery and spare air probe. It also has following features and specifications:

- °C and °F switchable
- Measurement range: -50°C - 1300°C (-50°F - 1999°F)
- Operating temperature and humidity: 0°C to 50°C (32°F to 122°F), 0-80% RH
- Storage temperature and humidity: -10°C to 60°C (14°F to 140°F), 0-70% RH
- Data Hold function
- T1 & T2 dual points display
- T1 - T2 differential measurement

Following probes are available:

- **PR-AIR**: air probe for general conditions, especially complex or hard to reach places.
- **PR-PUNCT**: puncture probe for temperature measurement of liquids, gels or air.
- **PR-SURF**: surface probe for flat or curved surface measurements.

Model	Range	Tolerances	Description
<b>PR-AIR</b> Air probe	-50°C to 200°C -58°F to 392°F	±2.2°C or ±0.75% (±3.6°F or ±0.75%)	with Teflon tape insulation Maximum insulating temperature: 260°C
<b>PR-PUNCT</b> Puncture probe	-50°C to 1000°C -58°F to 1832°F	±2.2°C or ±0.75% (±3.6°F or ±0.75%)	3.2φ×150mm metal sheath 100cm Compensating wire
<b>PR-SURF</b> Surface probe	-50°C to 750°C -58°F to 1382°F	±2.2°C or ±0.75% (±3.6°F or ±0.75%)	100cm Compensating wire 12.5φ×94mm handle

Please contact ITE for more information.