



Precision Thermometer The DGT600P

The DGT600P has been designed as high accuracy reference instrument for laboratories and a calibration standard for temperature systems. The superb accuracy of the DGT600P is verified to national standards. This reference thermometer uses a platinum film sensor with sophisticated linearising techniques for high accuracy temperature measurements in the range -30.00°C to $+199.90^{\circ}\text{C}$, with 0.01°C resolution. Housed in a clean practical enclosure, the instrument is easy to use with only an on/off switch and is lightweight and portable so suitable for use in the field or on the work bench. The kit includes the thermometer, probe, sturdy carrying case and system test certificate - traceable to national standards. It is operated by a PP3 9V battery or an external 9V DC regulated supply.

Features and Benefits

- Outstanding accuracy up to $\pm 0.02^{\circ}\text{C}$
- 4 1/2 digit clear digital display
- 0.01°C resolution
- Temp range: -30°C to $+199^{\circ}\text{C}$

The thermometer has been designed for use in the following applications:

- Laboratory test measurement
- Calibration reference
- Quality control



Specification

Range	-30.00°C to $+199.99^{\circ}\text{C}$
Sensor Type	Platinum film
Resolution	0.01°C
Thermometer Accuracy	$\pm 0.02^{\circ}\text{C} \pm 0.01\%$
Probe Accuracy	$\pm 0.03^{\circ}\text{C} \pm 0.07\%$
Power supply	9 Vdc
Ambient operating temp.	$0-50^{\circ}\text{C}$

