

Digital Borehole Temperature Tester

This instrument is designed for measuring temperature in boreholes. A temperature probe is lowered into the borehole via cable to obtain a temperature-depth curve.



Overview

Precision Well Temperature Monitoring

The Digital Borehole Temperature Tester is a specialized instrument engineered for accurate thermal profiling in well environments. Featuring a robust, stainless steel probe capable of withstanding high-pressure conditions, it ensures reliable data collection in challenging underground settings. The system is paired with a dedicated control unit that provides clear, high-resolution digital readouts, making it an essential tool for precise temperature monitoring applications.

Probe Specifications

Insulation Resistance

Condition	Resistance
Circuit to Shell (Dry)	>100 M Ω
Moisture Environment	>2 M Ω

Probe Dimensions	140mm x 800mm
Pressure Rating	15 MPa
Measurement Range	5 to 95 °C
Measurement Accuracy	±0.5 °C
Time Coefficient	20 s

Control Unit

Unit Dimensions	280 x 234 x 138 mm
Display Range	0 to 100 °C
Resolution	0.1 °C
Power Supply	220V, 50Hz, 4W

Key Metrics

Performance Highlights

95 °C Max Probe Temp	15 MPa Max Pressure	0.1 °C Resolution
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