

Uni-T UT701 Process Calibrator



Model: UT701

Manufacturer: UNI-T

EAN: 6935750570173

Product Code: 1095720

R4,924

Uni-T UT701 process calibrator

The Uni-T UT701 Process Calibrator is a tool designed for calibrating and testing temperature measurement devices. It supports both thermocouples and RTD resistance sensors, making it ideal for servicing various types of systems and transducers. The device offers functions for generating voltage, resistance, and temperature signals, allowing it to simulate real-world operating conditions. High output accuracy of up to 0.05% ensures reliable results during calibration and diagnostics.

Functionality and precision

The UT701 model supports 10 types of thermocouples and 4 types of RTD sensors, increasing its versatility in industrial applications. Automatic cold junction compensation improves measurement accuracy for thermocouples, while step and ramp functions facilitate testing of system responses to signal changes. The ability to save settings speeds up work on repetitive tasks, while the clear, backlit display and intuitive controls ensure ease of use in various conditions.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Included

- Process calibrator
- Test leads (1 pair)
- 9V battery (6F22)
- Carrying case
- User manual

Specifications

Manufacturer	Uni-T
Model	UT701
Product type	Process temperature calibrator
Output accuracy	Up to ±0.05%
Display type	6-digit backlit LCD display
Display dimensions	63 × 40 mm
Signal source outputs	DC voltage, resistance, thermocouples, RTD
Supported thermocouples	J, K, T, E, R, S, B, N, WRe3-25, WRe5-26
Supported RTD types	Pt10, Pt100, Cu50, Cu100
DC voltage output range	Up to 1000 mV
Resistance output range	Up to 5000 Ω
Functions	Ramp, step, settings storage, cold junction compensation
Power supply	9V battery (6F22)
Dimensions	96 × 193 × 47 mm
Weight	410 g
Certifications	CE, UKCA

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 680, Net weight: 370, Box length: 20,00, Box width: 14,50, Box height: 8,00