

Uni-T UT705 Process Calibrator



Model: UT705

Manufacturer: UNI-T

EAN: 6935750570180

Product Code: 1095719

R7,685

Uni-T UT705 process calibrator

The Uni-T UT705 is a current loop calibrator designed for calibration, diagnostics, and maintenance work in industrial automation systems. The device can measure DC voltage up to 30,000 V, as well as DC current and loop current up to 24,000 mA. It also supports DC current source, current simulation, and 24 V loop power supply functions, enabling comprehensive testing and monitoring of transducers and other process system components. High measurement accuracy of $\pm(0.02\%+2)$ ensures reliable results during demanding calibration tasks.

Features to streamline daily work

The UT705 is equipped with manual and automatic signal ramping functions, 25% and 100% range step modes, and the ability to save and recall settings, which significantly speeds up repetitive tasks. The backlit display makes it easy to read data in various lighting conditions, and the auto-off feature helps conserve energy. Weighing 410 g and measuring 96 × 193 × 47 mm, the device

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remains convenient for transport and daily use, and its resistance to drops from a height of 1 meter increases its durability during field and workshop work.

Included

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

Specifications

Manufacturer	Uni-T
Model	UT705
Product type	Process loop calibrator
DC voltage measurement range	30.000 V $\pm$ (0.02% + 2)
DC current measurement range	24.000 mA $\pm$ (0.02% + 2)
Loop current measurement range	24.000 mA $\pm$ (0.02% + 2)
DC current source range	24.000 mA $\pm$ (0.02% + 2)
DC current simulation range	24.000 mA $\pm$ (0.02% + 2)
Loop power supply output	24 V
Loop power supply accuracy	10%
Ramping functions	Slow ramp, fast ramp, step ramp
Step functions	25% of range, 100% of range
Settings memory (Save/Recall)	Yes
LCD backlight	Yes
Auto power off	Yes
Drop resistance	1 m
Power supply	9V battery (6F22)
Display dimensions	63 x 40 mm

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Color	Red and gray
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: 670, Net weight: 410, Box length: 20,50, Box width: 15,00, Box height: 7,50

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