

Code: UT-53

UNIVERSAL METER **UT-53** UNI-T

Net: **39.96 EUR** Gross: **39.96 EUR**

The UT-53 is a universal digital meter used to measure: voltage, current, resistance, capacitance, hFE, temperature and checking the correct operation of diodes.



SPECIFICATION

DC voltage measurement:	200 mV $\pm$ (0.5% + 1) @ 0.1 mV , 2 V $\pm$ (0.5% + 1) @ 0.001 V , 20 V $\pm$ (0.5% + 1) @ 0.01 V , 200 V $\pm$ (0.5% + 1) @ 0.1 V , 1000 V $\pm$ (0.8% + 2) @ 1 V
AC voltage measurement:	200 mV $\pm$ (1.2% + 3) @ 0.1 mV , 2 V $\pm$ (0.8% + 3) @ 0.001 V , 20 V $\pm$ (0.8% + 3) @ 0.01 V , 200 V $\pm$ (0.8% + 3) @ 0.1 V , 750 V $\pm$ (1.2% + 3) @ 1 V
DC current measurement:	2 mA $\pm$ (0.8% + 1) @ 0.001 mA , 20 mA $\pm$ (0.8% + 1) @ 0.01 mA , 200 mA $\pm$ (1.5% + 1) @ 0.1 mA , 20 A $\pm$ (2.0% + 5) @ 0.01 A
AC current measurement:	20 mA $\pm$ (1.0% + 3) @ 0.01 mA , 200 mA $\pm$ (1.8% + 3) @ 0.1 mA , 20 A $\pm$ (3.0% + 7) @ 0.01 A
Resistance measurement:	200 Ω $\pm$ (0.8% + 3) @ 0.1 Ω , 2 k Ω $\pm$ (0.8% + 1) @ 0.001 k Ω , 20 k Ω $\pm$ (0.8% + 1) @ 0.01 k Ω , 200 k Ω $\pm$ (0.8% + 1) @ 0.1 k Ω , 2 M Ω $\pm$ (0.8% + 1) @ 0.001 M Ω , 20 M Ω $\pm$ (1.0% + 2) @ 0.01 M Ω , 200 M Ω $\pm$ (5%(RD-10) + 10) @ 0.1 M Ω * *RD - reading value

Capacitance measurement:	2 nF ± (4% + 3) @ 0.001 nF , 20 nF ± (4% + 3) @ 0.01 nF , 200 nF ± (4% + 3) @ 0.1 nF , 2 μF ± (4% + 3) @ 0.001 μF , 20 μF ± (4% + 3) @ 0.01 μF
Inductance measurement:	—
Frequency measurement:	—
Temperature measurement:	-20 °C ... 0 °C ± (5% + 3) @ 1 °C , >0 °C ... 400 °C ± (1% + 3) @ 1 °C , >400 °C ... 1000 °C ± 2% @ 1 °C
Automatic change of measuring ranges:	—
hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
Main features:	• Large, readable LCD display • Low battery level alarm • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Weight:	0.5 kg
Dimensions:	203 x 98 x 56 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

PRESENTATION

Front panel:



Rear view:

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



The device is equipped with a height-adjustable support:



Place for 9V battery:



In the kit:

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PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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