DATA SHEET

Code: UT-55

UNIVERSAL METER **UT-55** UNI-T



The UT-55 is a universal digital meter used to measure: voltage, current, resistance, capacitance, hFE, temperature and checking the correct operation of diodes.

DC voltage measurement:	200 mV ± (0.5% + 1) @ 0.1 mV , 2 V ± (0.5% + 1) @ 0.001 V , 20 V ± (0.5% + 1) @ 0.01 V , 200 V ± (0.5% + 1) @ 0.1 V , 1000 V ± (0.8% + 2) @ 1 V
AC voltage measurement:	2 V ± (0.8% + 3) @ 0.001 V , 20 V ± (0.8% + 3) @ 0.01 V , 200 V ± (0.8% + 3) @ 0.1 V , 750 V ± (1.2% + 3) @ 1 V
DC current measurement:	2 mA ± (0.8% + 1) @ 0.001 mA , 20 mA ± (0.8% + 1) @ 0.01 mA , 200 mA ± (1.5% + 1) @ 0.1 mA , 20 A ± (2.0% + 5) @ 0.01 A
AC current measurement:	20 mA ± (1.0% + 3) @ 0.01 mA , 200 mA ± (1.8% + 3) @ 0.1 mA , 20 A ± (3.0% + 7) @ 0.01 A

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Resistance measurement:	200 Ω ± (0.8% + 3) @ 0.1 Ω , 2 kΩ ± (0.8% + 1) @ 0.001 kΩ , 20 kΩ ± (0.8% + 1) @ 0.01 kΩ , 200 kΩ ± (0.8% + 1) @ 0.1 kΩ , 2 MΩ ± (0.8% + 1) @ 0.001 MΩ 20 MΩ ± (1.0% + 2) @ 0.01 MΩ , 200 MΩ ± (5%(RD-10) + 10) @ 0.1 MΩ * *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:	20 kHz ± (1.5% + 5) @ 0.01 kHz
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:	0.51 kg
Dimensions:	203 x 98 x 56 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

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