

Code: UT-51

## UNIVERSAL METER **UT-51** UNI-T

The UT-51 is universal digital multimeter designed to measurement of: voltage, current, resistance, hFE, diodes.



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:	20 $\mu$ A $\pm$ (2.0% + 5) @ 0.01 $\mu$ A , 200 $\mu$ A $\pm$ (0.8% + 1) @ 0.1 $\mu$ A , 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 , 2 A $\pm$ (1.5% + 1) @ 0.001 A , 10 A $\pm$ (2.0% + 5) @ 0.01 A
AC current measurement:	200 $\mu$ A $\pm$ (1.8% + 3) @ 0.1 $\mu$ A , 2 mA $\pm$ (1.0% + 3) @ 0.001 mA , 20 mA $\pm$ (1.0% + 3) @ 0.01 mA , 200 mA $\pm$ (1.8% + 3) @ 0.1 mA , 2 A $\pm$ (1.8% + 3) @ 0.001 A , 10 A $\pm$ (3.0% + 7) @ 0.01 A



# DATA SHEET

Resistance measurement:	200 $\Omega \pm (0.8\% + 3)$ @ 0.1 $\Omega$ , 2 k $\Omega \pm (0.8\% + 1)$ @ 0.001 k $\Omega$ , 20 k $\Omega \pm (0.8\% + 1)$ @ 0.01 k $\Omega$ , 200 k $\Omega \pm (0.8\% + 1)$ @ 0.1 k $\Omega$ , 2 M $\Omega \pm (0.8\% + 1)$ @ 0.001 M $\Omega$ , 20 M $\Omega \pm (1.0\% + 2)$ @ 0.01 M $\Omega$ , 200 M $\Omega \pm (5\%(RD-10) + 10)$ @ 0.1 M $\Omega$ *  *RD - reading value
Capacitance measurement:	—
Inductance measurement:	—
Frequency measurement:	—
Temperature measurement:	—
Automatic change of measuring ranges:	—
hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
Main features:	<ul style="list-style-type: none"><li>• Large, readable LCD display</li><li>• Low battery level alarm</li><li>• Aesthetic and solid construction</li></ul>
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