

Code: UT-53

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

The UT-53 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 $\pm$ (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:	$200\ \Omega \pm (0.8\% + 3)\ @\ 0.1\ \Omega$, $2\ k\Omega \pm (0.8\% + 1)\ @\ 0.001\ k\Omega$, $20\ k\Omega \pm (0.8\% + 1)\ @\ 0.01\ k\Omega$, $200\ k\Omega \pm (0.8\% + 1)\ @\ 0.1\ k\Omega$, $2\ M\Omega \pm (0.8\% + 1)\ @\ 0.001\ M\Omega$, $20\ M\Omega \pm (1.0\% + 2)\ @\ 0.01\ M\Omega$, $200\ M\Omega \pm (5\%(RD-10) + 10)\ @\ 0.1\ M\Omega *$ *RD - reading value
Capacitance measurement:	$2\ nF \pm (4\% + 3)\ @\ 0.001\ nF$, $20\ nF \pm (4\% + 3)\ @\ 0.01\ nF$, $200\ nF \pm (4\% + 3)\ @\ 0.1\ nF$, $2\ \mu F \pm (4\% + 3)\ @\ 0.001\ \mu F$, $20\ \mu F \pm (4\% + 3)\ @\ 0.01\ \mu F$
Inductance measurement:	—
Frequency measurement:	—
Temperature measurement:	$-20\ ^\circ C \dots 0\ ^\circ C \pm (5\% + 3)\ @\ 1\ ^\circ C$, $>0\ ^\circ C \dots 400\ ^\circ C \pm (1\% + 3)\ @\ 1\ ^\circ C$, $>400\ ^\circ C \dots 1000\ ^\circ C \pm 2\%\ @\ 1\ ^\circ C$
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