

Code: UT-139S

UNIVERSAL METER **UT-139S** UNI-T

Net: **73.19 EUR** Gross: **73.19 EUR**

The UT-139S is a universal digital meter used to measure: voltage, current, resistance, capacity, frequency, temperature and checking the correct operation of diodes. In addition, the meter has an electric field detection function (NCV).

The kit includes a thermocouple of type "K" (chromel/alumel).



SPECIFICATION

DC voltage measurement:	60 mV $\pm$ (0.7% + 3) @ 0.01 mV , 600 mV $\pm$ (0.5% + 2) @ 0.1 mV , 6 V $\pm$ (0.7% + 3) @ 0.001 V , 60 V $\pm$ (0.7% + 3) @ 0.01 V , 600 V $\pm$ (0.7% + 3) @ 0.1 V
AC voltage measurement:	• V.F.C. OFF : 60 mV $\pm$ (1.0% + 3) @ 0.01 mV , 600 mV $\pm$ (1.0% + 3) @ 0.1 mV , 6 V $\pm$ (0.8% + 3) @ 0.001 V , 60 V $\pm$ (0.8% + 3) @ 0.01 V , 600 V $\pm$ (0.8% + 3) @ 0.1 V , 600 V $\pm$ (1.0% + 3) @ 1 V , • V.F.C. ON : 600 V $\pm$ (4.0% + 3) @ 0.1 V / 1 V • LoZ mode : 600 V $\pm$ (2.0% + 10) @ 0.1 V
DC current measurement:	600 μ A $\pm$ (0.7% + 2) @ 0.1 μ A , 6000 μ A $\pm$ (0.7% + 2) @ 1 μ A , 60 mA $\pm$ (0.7% + 2) @ 0.01 mA , 600 mA $\pm$ (0.7% + 2) @ 0.1 mA , 6 A $\pm$ (1.0% + 3) @ 0.001 A , 10 A $\pm$ (1.0% + 3) @ 0.01 A
AC current measurement:	600 μ A $\pm$ (1.0% + 3) @ 0.1 μ A , 6000 μ A $\pm$ (1.0% + 3) @ 1 μ A , 60 mA $\pm$ (1.0% + 3) @ 0.01 mA , 600 mA $\pm$ (1.0% + 3) @ 0.1 mA , 6 A $\pm$ (1.2% + 3) @ 0.001 A , 10 A $\pm$ (1.2% + 3) @ 0.01 A

Resistance measurement:	$600\ \Omega \pm (1.0\% + 2)$ @ $0.1\ \Omega$, $6\ k\Omega \pm (0.8\% + 2)$ @ $0.001\ k\Omega$, $60\ k\Omega \pm (0.8\% + 2)$ @ $0.01\ k\Omega$, $600\ k\Omega \pm (0.8\% + 2)$ @ $0.1\ k\Omega$, $6\ M\Omega \pm (1.2\% + 3)$ @ $0.001\ M\Omega$, $60\ M\Omega \pm (1.5\% + 5)$ @ $0.01\ M\Omega$
Capacitance measurement:	$9.999\ nF \pm (4.0\% + 10)$ @ $0.001\ nF$, $99.99\ nF \dots 999.9\ \mu F \pm (4.0\% + 5)$ @ $0.01\ nF \dots 0.1\ \mu F$, $9.999\ mF \dots 99.99\ mF \pm 10.0\%$ @ $0.001\ mF \dots 0.01\ mF$
Inductance measurement:	—
Frequency measurement:	$9.999\ Hz \dots 9.999\ MHz \pm (0.1\% + 4)$ @ $0.001\ Hz \dots 0.001\ MHz$
Square-wave signal duty ratio measurement:	$1\ \% \dots 99.9\ \%$ @ $0.1\ \%$
Temperature measurement:	• °C : $-40 \dots 40\ ^\circ C \pm 4$ @ $1\ ^\circ C$, $> 40 \dots 500\ ^\circ C \pm (1.0\% + 4)$ @ $1\ ^\circ C$, $> 500 \dots 1000\ ^\circ C \pm (2.0\% + 4)$ @ $1\ ^\circ C$, • °F : $-40 \dots 104\ ^\circ F \pm 5$ @ $1\ ^\circ F$, $> 104 \dots 932\ ^\circ F \pm (1.5\% + 5)$ @ $1\ ^\circ F$, $> 932 \dots 1832\ ^\circ F \pm (2.5\% + 5)$ @ $1\ ^\circ F$
hFE:	—
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	—
RS-232:	—
Main features:	• Large, readable LCD display with backlight • NCV - electric field detection function • Hold - stopping the meter reading • REL - relative measurement mode • V.F.C. function - allows to measure the AC voltage values using low-pass filter with a frequency limit of 400 Hz • Aesthetic and solid construction
Power supply:	2 x 1.5V, type AA/LR6/FR6 battery - included
Dimensions:	176 x 81 x 48 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

PRESENTATION



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Rear view:



Place for batteries 2 x 1.5V AA:



In the kit:



PACKAGE

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