

DT-9931 is a professional multimeter used to measure elements of LRC. Meter equipped with non-contact voltage detector NCV, and a number of powerful measurement functions. The unit is enclosed in a rugged and waterproof housing IP 67 (with rubber elements) which is characterized by high resistance to mechanical damage.

Specification

Characteristic

- high resolution measurements
- LCD display with bargraph and backlight
- non-contact AC voltage detector NCV
- measurement of the minimum and maximum - Min/Max
- measurement of relative value - REL
- measurement of the duty cycle
- measurement of resistance to 60 M Ω
- measurement of inductance to 6 H
- measuring up to 40 mF
- measurement of frequency up to 10 MHz
- temperature ($^{\circ}\text{C}$, $^{\circ}\text{F}$)
- acoustic continuity tester - Beeper
- tester of semiconductor diodes
- automatic or manual measurement range selection
- function - HOLD and auto time off - Auto Power Off

Safety conformance

- EN 61010-1 CAT IV 600 V, CAT III 1000 V
- 1000 V input protection on all ranges
- 10 A/1000 V i 0.8 A/1000 V fuses protection on current ranges

Additional accessories

- test leads
- 9 V battery
- type K temperature probe
- gift box with carrying case



Function	Max. Range	Min. resolution	Accuracy
Voltage DC	1000 V	0,1mV	$\pm 0,1\%$
Voltage AC	1000 V	1 mV	$\pm 0,8\%$
Current DC	600 mA	0,1 μA	$\pm 0,8\%$
Current AC	600 mA	0,1 μA	$\pm 1,0\%$
Resistance	60 M Ω	0,1 Ω	$\pm 0,5\%$
Capacitance	40 mF	10 pF	$\pm 5,0\%$
Frequency electronic	10 MHz	0,001 Hz	$\pm 0,5\%$
Inductance	6,0 H	0,1 uH	$\pm 3,0\%$
Temperature	1200 $^{\circ}\text{C}$	0,1 $^{\circ}\text{C}$	$\pm 1,0\%$
Duty cycle	99,9%	0,01%	$\pm 1,2\%$
Diode and continuity	TAK		
Dimensions [mm]	183x82x55		
Weight [g]	447		

Ordering example:

Multimetr DT-9931