

Multimeter DT-9929/9939

Technical description

Characteristic

- display resolution (0,01 mV, 0,01 μ A, 0,01 Ω)
- triple LCD display with bargraph & Backlit
- AC+DC Measurement
- 9999 Readings memories
- True RMS measurement & Peak capture mode
- 1000V input protection on all ranges
- 4-20mA process loop measurements with % reading
- Data Hold/MAX/MIN recording mode
- IP67 Waterproof and Auto Power Off
- wide capacitance range
- Wireless USB interface (only DT-9939)
- size (H x W x D): 183mm x 82mm x 55mm
- weight: 447g

Compatibility with safety standards

- EN 61010-1 CAT IV 600 V, CAT III 1000 V
- 1000V input protection on all ranges
- 10 A/1000 V and 0,5 A/1000 V fuses protection on current ranges

Accessories

- test leads
- 9V battery
- type K temperature probe
- gift box with carrying case
- USB cable and Software (9939)



Functions	Range	Resolution	Accuracy
Voltage DC	400 mV	0,01 mV	$\pm 0,06\%$
	4 V	0,0001 V	
	40 V	0,001 V	
	400 V	0,01 V	
	1000 V	0,1 V	
Voltage AC (AC+DC)	–	–	(50 ÷ 1000) Hz
	400 mV	0,01 mV	$\pm 1,0\%$
	4 V	0,0001 V	
	40 V	0,001 V	
	400 V	0,01 V	
1000 V	0,1 V		
Current DC	400 μ A	0,01 μ A	$\pm 1,0\%$
	4000 μ A	0,1 μ A	
	40 mA	0,001 mA	
	400 mA	0,01 mA	
	10 A	0,001 A	
20 A: 30 s max with limited accuracy			
Current AC (AC+DC)	–	–	(50 ÷ 1000) Hz
	400 μ A	0,01 μ A	$\pm 1,5\%$
	4000 μ A	0,1 μ A	
	40 mA	0,001 mA	
	400 mA	0,01 mA	
10 A	0,001 A		
20 A: 30 s max with limited accuracy			

Functions	Range	Resolution	Accuracy
Resistance	400 Ω	0,01 Ω	$\pm 0,3\%$
	4 k Ω	0,0001 k Ω	$\pm 0,3\%$
	40 k Ω	0,001 k Ω	
	400 k Ω	0,01 k Ω	
	4 M Ω	0,1 M Ω	
40 M Ω	0,001M Ω	$\pm 2,0\%$	
Capacity	40 nF	0,001 nF	$\pm 3,5\%$
	400 nF	0,01 nF	$\pm 3,5\%$
	4 μ F	0,0001 μ F	
	40 μ F	0,001 μ F	
	400 μ F	0,01 μ F	
4000 μ F	0,1 μ F	$\pm 5,0\%$	
Frequency (electronic)	40 mF	0,001 mF	$\pm 0,1\%$
	40 Hz	0,001 Hz	
	400 Hz	0,01 Hz	
	4 kHz	0,0001 kHz	
	40 kHz	0,001 kHz	
	400 kHz	0,01 kHz	
	4 MHz	0,0001 MHz	
40 MHz	0,001 MHz		
Frequency (electronic)	100 MHz	0,01 MHz	–
	40 Hz	0,01 Hz	$\pm 0,5\%$
10 kHz	0,001 kHz	$\pm 1,0\%$	
Temperature	1200 $^{\circ}$ C	0,1 $^{\circ}$ C	$\pm 1,0\%$
Duty ratio	99,9%	0,01%	$\pm 1,2\%$
Diode check and continuity test	YES		
Dimensions [mm]	183x82x55		
Weight [g]	447		

Ordering example

Multimeter DT-9929
Multimeter DT-9939 (with USB cable)