

73101

Model
73101

3.5
digits

4300
count



Pocket DMM with Superb Portability

General Specifications	73101
Additional Functions	Auto hold
Display	Digital display: 4300-count digital reading
Measuring Rate	Digital display: Approx. 2 times/sec
Operating Temp. and Humidity	0 to 50°C; 80% RH or less (no condensation)
Storage Temp. and Humidity	-10°C to 60°C, 70 RH or less (no condensation)
Power Supply	Two LR44 dry cell
Battery Life	Approx. 200 hours (for continuous DC voltage measurement)
Auto Power Off	The power is automatically turned off when no operation is made for approx. 20 minutes (can be disabled).
Dimensions	76 (W) x 117 (H) x 18 (D) mm
Weight	Approx. 110 g (including batteries)
Compliance with Standards	Safety EN61010-1 (600 V, CAT I; 300 V, CAT II; contamination level 2)
Standard Accessories	EMC EN61326 EN55022(Class B) Instruction manual: 1 LR44 dry cells: 2

Performance

Test conditions: Temperature and humidity = 23°C ± 5°C, 80% RH or less; Accuracy = ±(% of reading + digits).

• DC Voltage Measurement (V_{DC})

Range	Accuracy	Input Resistance	Maximum Input Voltage
400.0 mV	1.2 + 2	>100 M	600 V DC
4.000 V	0.7 + 1	11 M	
40.00 V	1.2 + 1	10 M	
400.0 V			
600 V			

• Resistance Measurement (Ω)

Range	Accuracy	Maximum Testing Current	Open-circuit Voltage	Input Protection Voltage
400.0	1.2 + 2	<1 mA	<3.4 V	600 V
4.000 k		<0.5 mA	<1.0 V	
40.00 k		<70 μA	<0.7 V	
400.0 k		<7 μA		
4.000 M	2.0 + 3	<0.7 μA		
40.00 M	5.0 + 3	<70 nA		

• AC Voltage Measurement (V_{AC})

Mean-value detection and RMS-value calibration

Range	Accuracy	Input Resistance	Maximum Input Voltage
4.000 V	2.0 + 5	>11 M, <50 pF	600 Vrms
40.00 V		>10 M, <50 pF	
400.0 V			
600 V			

• Continuity Check ()

Range	Continuity Beeper	Open-circuit Voltage	Input Protection Voltage
400.0	50 ± 20	<3.4 V	600 V

• Diode Test (V_{DI})

Range	Accuracy	Testing Current	Open-circuit Voltage	Input Protection Voltage
2.00 V	1.5 + 1	<1.0 mA	<3.4 V	600 V