

DIGITAL MULTIMETER

HIOKI

DIGITAL POCKET HI TESTER

3210

Autorange Pocket DMM





Slim-profile body

- ⑦ AC/DC selector key
- ⑧ RANGE keys (manual)
- ⑨ Power ON/OFF key

① Autoranging

Features both automatic and manual ranging capability. Autoranging eliminates bothersome range switching RANGE keys provided to lock in on one range.

② Low-power ohms function

In-circuit resistance measurement capability.

③ Continuity-Diode check function

Continuity check has a response time of 1 millisecond Reported by beeper tone and visual indication. Diode check also simple.

④ AC and DC current measurement capability

AC/DC current up to 200mA.

⑤ Circuit protection up to AC 250V.

Ohms and continuity circuit protected against overvoltage up to AC 250V. Safety plug test leads provided. Collars prevent operator from accidentally touching metal parts.

⑥ Extra-large display digits

Readings made easy by extra-large display digits. Annunciators provide a continuous report on meter status.

Measurement range

(Specified for 23°C ± 5°C, < 80%RH, no condensation)

Function	Range	Accuracy	Notes
DC V	200.0mV	±0.5% rdg. ±4dgt.	>1000MΩ
	2.000V	"	Approx. 12MΩ
	20.00V	"	Approx. 11MΩ
	200.0V	"	"
AC V	500V	±1.0% rdg. ±4dgt.	"
	2.000V	±0.8% rdg. ±8dgt.	Approx. 11MΩ (40~50Hz)
	20.00V	"	" (")
	200.0V	"	" (")
Ω	500V	±1.0% rdg. ±8dgt.	" (")
	200.0Ω	±0.7% rdg. ±4dgt.	Open terminal Voltage: 0.45V
	2.000kΩ	"	
	20.00kΩ	"	
	200.0kΩ	±1.2% rdg. ±4dgt.	
2.000MΩ	±2.0% rdg. ±4dgt.		
DC A	200.0mA	±1.2% rdg. ±4dgt.	Internal resistance, approx. 1Ω
AC A	200.0mA	±1.5% rdg. ±8dgt.	Internal resistance, approx. 1Ω (40~500Hz)
Continuity	1.5k~<15kΩ (Approx. 1m sec)		Open terminal voltage, approx. 1.5V
Diode test		±20%	"
Digit instability		2dgt or less	

General Specifications

Measurement method: Dual integrator type
 Display: 3½-digit (1999) LCD, annunciators
 Range switching: fully automatic and manual
 Overrange indication: MSD "1" flashes (excluding AC/DC 500V), beeper tone (excluding AC/DC 500V, Ohms)
 Polarity indication: Automatic switching, minus sign (-) lights
 Battery low indication: "BATT" mark lights
 Sampling rate: Two times per second

Operating temperature/humidity: 0~40°C, < 80% RH (no condensation)
 Storage temperature/humidity: -20~+60°C, < 70% RH (no condensation)
 Power source: Two LR-44 or SR-44 batteries
 Power consumption: 4mW (typ.) Approx. 80hr.
 Dielectric strength: AC 2kV for 1 min. between input terminal and case.
 Dimensions/Weight: 150H×60W×14D (mm) /120g (approx)

Maximum overload inputs

V...750V DC or DC + AC peak
 Ω/A/Continuity...250V AC max. (0.5A non-arcing fuse)

Accessories: Test reads, Soft case, 0.5A Fuse (non-arcing)

Standard Packing (double carton box)	Sets	N.W.kg	G.W.kg	∩ ³
	100	11	13	0.10

Optional Accessories

9038 DC 30kV High Voltage Probe
 9081 10A Shant

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