

# POCKET SIZE DMM SERIES

## CARD HiTESTER 3244-60

**Compact! Palm size body, Less than 1cm thin!**

- Better contact test leads with 15mm gold-plated tip pin
- Only 9.5 mm(0.37 in) thick and 60 g(2.1 oz) in weight
- Full auto-ranging function and automatic power saving function
- Overload protection to 500 V at resistance or continuity functions

Function	Range	Best Accuracy
DC Voltage	420.0 mV/ 4.200 V/ 42.00 V/ 420.0 V/ 500 V	±0.7 %rdg. ±4dgt.
AC Voltage	4.200 V/ 42.00 V/ 420.0 V/ 500 V	±2.3 %rdg. ±8dgt.
Resistance	420.0 Ω/ 4.200 kΩ/ 42.00 kΩ/ 420.0 kΩ/ 4.200 MΩ/ 42.00 MΩ	±2.0 %rdg. ±4dgt.
Continuity	420.0 Ω *Buzzer sounds at approx 50Ω± 40Ω or less	±2.0 %rdg. ±4dgt.

Dimensions :Approx. 55W × 109H × 9.5D mm (2.17"W×4.29"H×0.37"D)  
 Mass :Approx. 60 g (2.1 oz.)



### Accessories

Hard case (1)  
 Sleeve (red 1, black 1)

## SOLAR HiTESTER 3245-60

**Environmentally-friendly DMM**

- Hybrid power system incorporates both a solar-charged main battery and a backup battery
- Pocket-sized, CATIII (600V) and CATIV (300V) conformance (when test pin sleeves are attached)
- Neat test probe storage in the back of the unit

Function	Range	Best Accuracy
DC Voltage	420.0 mV/ 4.200 V/ 42.00 V/ 420.0 V/ 600 V	±1.3 %rdg. ±4dgt.
AC Voltage	4.200 V/ 42.00 V/ 420.0 V/ 600 V	±2.3 %rdg. ±8dgt.
Resistance	420.0 Ω/ 4.200 kΩ/ 42.00 kΩ/ 420.0 kΩ/ 4.200 MΩ/ 42.00 MΩ	±2.0 %rdg. ±4dgt.
Continuity	420.0 Ω *Buzzer sounds at approx 50Ω± 40Ω or less	±2.0 %rdg. ±4dgt.

Dimensions :Approx. 60W × 135H × 23D mm (2.36"W×5.31"H×0.91"D)  
 Mass :Approx. 140 g (4.9 oz.)



### Accessories

Sleeve (red 1, black 1)



## PENCIL HiTESTER 3246-60

**Pencil-type DMM with LED Light**

In addition to being compact, this pencil-type tester comes with auto-range and data hold functions for incredibly easy measurement of electrical and electronic circuitry.

- Test lead and main unit in a single body
- Overload protection to 600 V at resistance or continuity functions
- LED light brightly illuminates test points

### Backlight LCD



Function	Range	Best Accuracy
DC Voltage	420.0 mV/ 4.200 V/ 42.00 V/ 420.0 V/ 600 V	±1.3 %rdg. ±4dgt.
AC Voltage	4.200 V/ 42.00 V/ 420.0 V/ 600 V	±2.3 %rdg. ±8dgt.
Resistance	420.0 Ω/ 4.200 kΩ/ 42.00 kΩ/ 420.0 kΩ/ 4.200 MΩ/ 42.00 MΩ	±2.0 %rdg. ±4dgt.
Continuity	420.0 Ω *Buzzer sounds at approx 50Ω± 40Ω or less	±2.0 %rdg. ±4dgt.
Diode Check	Judgment only (0.3V to 2.0V)	

Dimensions :Approx. 30W × 182H × 26.5D mm (1.18"W×7.17"H×1.04"D)  
 Mass :Approx. 80 g (2.8 oz.)



### Accessories

Sleeve (red 1, black 1)

### Penlight



Penlight brightly illuminates test points

# Analog Multimeters and Voltage Meters

## HiTESTER 3030-10

Basic tester with improved safety features

- Protected against transient voltages up to 250 V AC, preventing electric shock accidents before they can happen
- Drop proof design withstands dropping onto a concrete floor from a height of 1 meter



### Options

TEST LEAD L9207-30  
\*HIGH-VOLTAGE PROBE 9017 (up to 30 kV DC)

\*Note: Non-CE mark product



CAT III 600V



### SPECIFICATIONS

DC Voltage range	0.3 V (16.7 k-ohm/V), 3/12/30/120/300/600 V (20 k-ohm/V) Accuracy: $\pm 2.5\%$ f.s.
AC Voltage range	12 V (9 k-ohm/V) Accuracy: $\pm 4\%$ f.s. 30/120/300/600 V (9 k-ohm/V) Accuracy: $\pm 2.5\%$ f.s. Average rectifier effective value
Resistance range	0 to 3 k-ohm (center scale 30 ohm), R $\times$ 1, R $\times$ 10, R $\times$ 100, R $\times$ 1 k $\pm 3\%$ of scale length
DC Current range	60 $\mu$ A/30 m/300 mA (300 mV internal voltage drop) Accuracy: $\pm 3\%$ f.s.
Other functions	Battery check: 0.9 to 1.8 V, load resistance 10 ohm
Safety considerations	Complies with EN61010 Installation Category III (anticipated transient overvoltage 6000 V), Pollution Degree 2
Power supply	R6P(AA) $\times$ 2 batteries
Dimensions, mass	95 mm(3.74 in)W $\times$ 141 mm(5.55 in)H $\times$ 39 mm(1.54 in)D, 280 g (9.9 oz)
Accessories	TEST LEAD (1), fuse (1), CARRYING CASE 9390 (1)

The TEMP scale on Model 3030-10 is not effective without Model 9021-01 Temperature Probe, which has been discontinued.

To prevent electric shock, a fuse for protection up to a commercial power supply of 250V is integrated into the internal circuitry of Model 3030-10. Please note that the fuse is not intended for preventing damage to the unit.

## MULTI TESTER 3008

For maintenance service

- Designed for maintenance of high power lines
- Drop proof design withstands dropping onto a concrete floor from a height of 1 meter
- High-power fuse protects up to 50,000A
- Supply current limiting resistance of 10-ohm restricts short circuit current



### SPECIFICATIONS

DC Voltage range	6/30/60/300/600 V (20 k-ohm/V) Accuracy: $\pm 2.5\%$ f.s.
AC Voltage range	6/30/150/300/600 V (10k-ohm/V) Accuracy: $\pm 2.5\%$ f.s. Average rectifier effective value
Resistance range	0 to 10 k-ohm (center scale 100 ohm), R $\times$ 1, R $\times$ 10, R $\times$ 100 $\pm 3\%$ of scale length
Safety considerations	Protection: 1A rated, guaranteed current 50,000A high-power fuse and 10 ohm resistor for restricting short circuit current
Power supply	R6P(AA) $\times$ 2 batteries
Dimensions, mass	94 mm(3.70 in)W $\times$ 134 mm(5.28 in)H $\times$ 56 mm(2.20 in)D, 350 g (12.3 oz)
Accessories	TEST LEAD 9060 (1), fuse (1), CARRYING CASE (1)



## SAFETY HiTESTER 3258

Voltage measurement safety assured by non Metallic contact testing

- Non-Metallic contact for optimum safety
- Capture the voltage value of covered electric wires
- Also ideal for metallic busbars and terminals
- Optimized for 400V AC circuits



TrueRMS

Measure voltage on insulated electric cables

### SPECIFICATIONS

AC Voltage range (40 to 66Hz)	420.0 V	$\pm 1.5\%$ rdg, $\pm 5$ dgt.
	600 V	380 V to 480 V $\pm 2.0\%$ rdg, $\pm 5$ dgt. 481 V to 600 V $\pm 5.0\%$ rdg, $\pm 5$ dgt.
Objects of Measurement	Insulated conductors (IV or CV equivalent, min. 100 mm <sup>2</sup> x-section), bare metal conductors Note: Not usable on shielded conductors.	
Power supply	LR6 alkaline battery $\times$ 6	
Dimensions, mass	83W $\times$ 178H $\times$ 58D mm (2.01"W $\times$ 10.83"H $\times$ 1.48"D) 670 g (23.6 oz)	
Accessories	Soft carrying case (1)	

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