

# 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)                              |                   |



### Penlight



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# 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

CE  
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)<br>Accuracy: $\pm 2.5\%$ f.s.                                                    |
| AC Voltage range      | 12 V (9 k-ohm/V) Accuracy: $\pm 4\%$ f.s.<br>30/120/300/600 V (9 k-ohm/V) Accuracy: $\pm 2.5\%$ f.s.<br>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<br>$\pm 3\%$ of scale length           |
| DC Current range      | 60 $\mu$ A/30 m/300 mA (300 mV internal voltage drop)<br>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<br>(anticipated transient overvoltage 6000 V),<br>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,<br>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.<br>Average rectifier effective value                             |
| Resistance range      | 0 to 10 k-ohm (center scale 100 ohm), R $\times 1$ , R $\times 10$ , R $\times 100$<br>$\pm 3\%$ 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,<br>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



True RMS

### 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<br>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)<br>670 g (23.6 oz)                                                    |                                              |
| Accessories                   | Soft carrying case (1)                                                                                                                            |                                              |

# HIOKI

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