

HIOKI

2002

New

3246 PENCIL HiTESTER

Field measuring instruments



Penlight



Ultra Bright



Backlight LCD



ISO14001
JQA-E-90091



<http://www.hioki.co.jp/>

HIOKI company overview, new products, environmental considerations and other information are available on our website.

CE

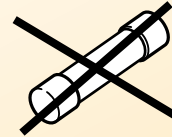
Smart Design and Ease of use



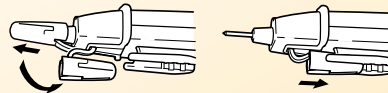
Backlight LCD is highly visible, even in dark locations

Penlight brightly illuminates test points

◆ 600 V circuit protection makes fuses unnecessary

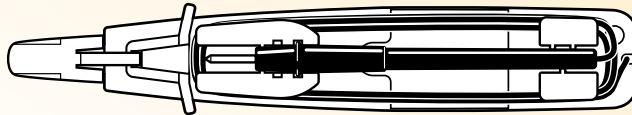


◆ Comes with protective probe tip cap



Actual-size

◆ Test lead fits neatly into back of instrument



Specifications (Accuracy at 23°C ± 5°C (73°F ± 9°F), 80% rh or less)

Function	Range (Accuracy)
DC voltage	420.0 m / 4.200 / 42.00 / 420.0 / 600 V (± 1.3 %rdg. ± 4 dgt.)
AC voltage (50 to 500 Hz)	4.200 / 42.00 / 420.0 / 600 V (± 2.3 %rdg. ± 8 dgt.)
Resistance (open terminal voltage 3.4 V max.*1)	420.0 / 4.200 k / 42.00 k / 420.0k / 4.200 M / 42.00 MΩ (± 2.0 %rdg. ± 4 dgt.*2)
Continuity (open terminal voltage 3.4 V max.)	420.0 Ω (± 2.0 %rdg. ± 4 dgt.) Buzzer sounds at approx 50 Ω ± 30 Ω or less
Diode test (open terminal voltage 3.4 V max.)	Forward direction identification function*3 Indicator flashes and buzzer sounds to indicate forward direction

*1. at 420 Ω. (4.2 k 0.7 V (typ.) 42 k to 42 M 0.5 V (typ.))

*2. at 420 to 420 kΩ. (4.2 MΩ ± 5.0 %rdg. ± 4 dgt. 42 MΩ ± 10.0 %rdg. ± 4 dgt.)

*3. Works when diode has a forward voltage from 0.3 V to 2.0 V

● Measurement system: average value rectification ● Display: Max. 4199-count LCD ● Range switching: automatic or manual ● Ancillary functions: data hold function, auto power save function, battery life warning function, penlight, backlight LCD ● Sampling rate: 2.5 times/sec ● Overload protection: 600 Vrms (sin) or 3 × 10⁶ VHz for all functions ● Applicable standards: Safety - EN61010 CAT III 600V, EMC - EN61326 ● Ambient temperature of use: 0 to 40°C (32°F to 104°F), 80%rh (no condensation) ● Storage temperature range: -20 to 60°C (-4°F to 140°F), (no condensation) ● Power source: CR2032 battery × 1 (3V DC) ● Continuous operating time: approx. 150 h (During DC voltage measurement), approx. 30 h (During DC voltage measurement, assuming 10 sec illumination alternating with 20 sec dark) ● Dimensions and mass: Approx. 30 W × 182 H × 26.5 D mm, 80 g (Approx 1.2" (W) × 7.2" (H) × 1.0" (D), 2.8 oz.)

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Option

9081 10 A SHUNT (output: 100 mV / 10 A)

HIOKI

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