

HIOKI

PENCIL HiTESTER 3246

Field measuring instruments



Penlight



Ultra Bright

CE

CAT IV 300 V
CAT III 600 V



Backlight LCD



ISO 9001
JMI-0216



ISO 14001
JQA-E-90091



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

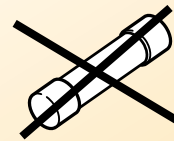
Smart Design and Ease of use

Backlight LCD is highly visible, even in dark locations

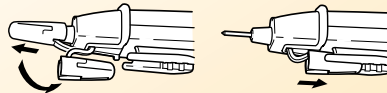


Penlight brightly illuminates test points

◆ 600 V circuit protection makes fuses unnecessary

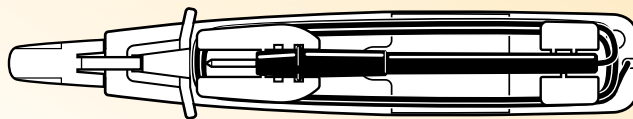


◆ Comes with protective probe tip cap



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	419.9 m / 4.199 / 41.99 / 419.9 / 600 V (Basic accuracy: ± 1.3 % rdg. ± 4 dgt.)
AC voltage 50 to 500 Hz	4.199 / 41.99 / 419.9 / 600 V (Basic accuracy: ± 2.3 % rdg. ± 8 dgt.) Average rectified
Resistance	419.9 / 4.199 k / 41.99 k / 419.9 k / 4.199 M / 41.99 MΩ (Accuracy at range 419.9 Ω to 419.9 kΩ: ± 2.0 % rdg. ± 4 dgt.) (Accuracy at range 4.199 MΩ: ± 5.0 % rdg. ± 4 dgt.) (Accuracy at range 41.99 MΩ: ± 10.0 % rdg. ± 4 dgt.) Open terminal voltage: 3.4 V max. at range 419.9 Ω, 0.7 V typ. at 4.199 kΩ, 0.5 V typ. at 41.99 kΩ to 41.99 MΩ
Continuity	Buzzer sounds at a resistance 50 Ω ± 40 Ω or less When used 419.9 Ω resistance range
Diode check	Judge the forward direction identification Indicator flashes and buzzer sounds, open terminal voltage: 3.4 V or less, and Testing current: 800 μA or less. 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, 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 hours (at DC V function), 30 hours (with penlight turned on for 10 seconds and off for 20 seconds per cycle and in DC V function)
- Dimensions, mass: 30 mm (1.18 in)W × 182 mm (7.17 in)H × 26.5 mm (1.04 in)D, 80 g (2.8 oz)

Option

EXTERNAL SHUNT 9081
primary current: 10 A,
secondary voltage: 100 mV



Output is 100mV at 10A. Multiply the displayed value by 1/10 and interpret the resulting value as current.

PENCIL HITESTER 3246

HIOKI

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