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DIGITAL HiTESTER 3805-50

High-precision, high-resolution, and multi-functional handy DMMs

- Record maximum / minimum / average value
- Relative value display
- Simple performance and low cost, Basic accuracy $\pm 0.09\%$
- PC communication via USB (using optional accessories)
- For Power line distortion check (Harmonic distortion % display)
- Temperature scanning function (T1, T2, T1-T2)

Temperature

Thermocouple Type	Range	Accuracy
K	-40 to 1372°C (-40 to 2502°F)	$\pm 0.3\%$ rdg, $\pm 3^\circ\text{C}$
J	-40 to 1200°C (-40 to 2192°F)	$(\pm 0.3\%$ rdg, $\pm 6^\circ\text{F})$

Accuracy does not include temperature probe error. Response time: 60 minutes (main unit reference contact temperature compensation time)

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Function	Range	Best Accuracy
		3805-50
DC Voltage	999.9 mV / 9.999 V / 99.99 V / 999.9 V	$\pm 0.09\%$ rdg, ± 2 dgt.
AC Voltage	999.9 mV / 9.999 V / 99.99 V / 999.9 V	$\pm 1.0\%$ rdg, ± 5 dgt.
DC Current	999.9 μA / 9999 μA / 99.99 mA / 999.9 mA / 9.99 A	$\pm 0.1\%$ rdg, ± 3 dgt.
AC Current	999.9 μA / 9999 μA / 99.99 mA / 999.9 mA / 9.99 A	$\pm 1.0\%$ rdg, ± 5 dgt.
Resistance	999.9 Ω / 9.999 k Ω / 99.99 k Ω / 999.9 k Ω / 9.999 M Ω / 99.99 M Ω	$\pm 0.3\%$ rdg, ± 3 dgt.
Capacitance	9.999 μF / 99.99 μF / 999.9 μF / 9.999mF	$\pm 2.0\%$ rdg, ± 5 dgt.
Frequency	9.999 Hz / 99.99 Hz / 999.9 Hz / 9.999 kHz / 99.99 kHz / 200.0 kHz	$\pm 0.03\%$ rdg, ± 3 dgt.
Continuity	Buzzer sounds at a resistance equivalent to or less than 100 counts ($\pm 5\%$) for each range.	
Diode	2.100V	$\pm 0.3\%$ rdg, ± 2 dgt.

Dimensions : Approx. 83W × 178H × 58D mm (3.27"W × 7.01"H × 2.28"D)
including protective holster, not including protrusions

Mass : Approx. 400g (14.1 oz.) including protective holster and battery

Accessories

TEST LEAD (1)
Holster (1)

Options

TEST LEAD L9207-10
CARRYING CASE 3853
COMMUNICATION PACKAGE (USB) 3856-02

TEMPERATURE PROBE *9180 to *9183
TEMPERATURE PROBE 9472 to 9476

CLIP TYPE LEAD *9618
(for capacitance measurement)

**Note: Non-CE mark product*



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