

Hioki Testers

MULTI-FUNCTION DMMS

- AC/DC Voltage & Current
- Resistance & Continuity
- 9999 count LCD display
- Min/Max, Average & Relative values
- 4-20 mA measurement converts to 0-100% display
- Optional RS-232C package for PC data transfer



SPECIFICATIONS

DC Volts:	4 ranges, 999.9mV to 999.9V ($\pm 0.3\%$ rdg $\pm 2d$)
AC Volts:	4 ranges, 999.9mV to 999.9V ($\pm 1.2\%$ rdg $\pm 5d$) 40-500Hz
Ohms:	6 ranges, 400.0 Ω to 40.00M Ω ($\pm 0.6\%$ rdg, $\pm 3d$)
DC Current:	6 ranges, 400.0 μ A to 10.00A ($\pm 0.2\%$ rdg, $\pm 3d$)
AC Current:	6 ranges, 400.0 μ A to 10.00A ($\pm 1.2\%$ rdg, $\pm 5d$) 50-2kHz
Other Functions:	Capacitance, Data hold, continuity ($<10\Omega$), diode check 3805: TRMS AC, freq to 50kHz, J&K thermocouples
Ranging:	Auto or Manual
Bar Display:	41 segment
Sample Rate:	3/sec (digital), 13/sec (bar)
Dimensions:	3" x 6.6" x 1.3" (76x167x33mm)
Accessories:	Test leads 3851-10, holster, battery

ORDERING INFORMATION

HK/3804-50	4-Digit DMM
HK/3805-50	4-Digit TRMS DMM

PHASE DETECTOR



- LED & Buzzer Indicate Phase Direction
- No Electrical Connection
- Live Wire Check (R-S, S-T)
- Battery Check & Auto Shut Off

SPECIFICATIONS

Detection Method:	Electrostatic induction
Voltage Range:	70-600VAC, 50/60Hz
Max. Wire Size:	0.67" (17mm) dia., insulated wire
Standards:	Cat III, 600V
Dimensions:	2.76"W x 2.95"H x 1.18"D
Lead Length:	27" (0.7mm)

ORDERING INFORMATION

HK/3120	Voltage Detector, batteries included
HK/3129	Phase Detector, with carrying case & AA batteries
HK/3246	Pencil HiTester, battery included
HK/3280-10	Clamp-On HiTester, with leads, battery & carrying case
HK/3280-20	TRMS Clamp-On HiTester, with leads, battery & carrying case

VOLTAGE DETECTOR



- Detect AC Voltage in Insulated Wires

SPECIFICATIONS

Voltage Range:	70-600VAC, 50/60Hz
Indication:	Red LED and continuous beep
Battery Check:	Green LED
Operating Temperature:	0 to 40 °C, <80%RH (non-condensing)
Standards:	CAT IV 600V, indoor use
Dimensions:	5.9" L x 0.7" dia (149 x 18.5mm)

CLAMP-ON HITESTERS



- Slim Body for Easy Clamping in Narrow Spaces
- Independent-opening Double-lever Jaw
- Right or Left Hand Operation
- 4199 Count LCD
- True RMS Measurement (3280-20)

SPECIFICATIONS

Function	Range (Accuracy)
AC Amps:	3280-10: 42 / 420 / 1000A (50/60Hz; $\pm 1.5\%$ rdg $\pm 5d$), 3280-20: 42 / 420 / 1000A (45-66Hz: $\pm 1.5\%$ rdg $\pm 5d$) (40-45Hz or 66Hz-1kHz: $\pm 2.0\%$ rdg $\pm 5d$)
DC Volts:	420m / 4.2 / 42 / 420 / 600V ($\pm 1.3\%$ rdg $\pm 4d$)
AC Volts:	4.2 / 42 / 420 / 600V (50-500Hz, $\pm 2.3\%$ rdg $\pm 8d$)
Ohms:	420 / 4.2k / 42k / 420k Ω ($\pm 2.0\%$ rdg $\pm 4d$), 4.2M Ω (± 5.0 rdg $\pm 4d$), 42M Ω ($\pm 10.0\%$ rdg $\pm 4d$)
Continuity:	420 Ω ($\pm 2.0\%$ rdg $\pm 6d$), buzzer $<50\Omega$
Wire Size:	1.3" (33mm) max diameter
Allowable Current:	2000A AC rms max continuous
Overload Protection:	DCV/ACV: 600V DC/AC rms; Ω /Continuity: 250V DC/AC rms
Operating Temperature:	0 to 40 °C, <80%RH (non-condensing)
Standards:	CAT III 600V(AC A), CAT II 600V(AC/DC V)
Dimensions:	2.2"W x 6.9"H x 0.6"D