

Hioki Testers

MULTIMETERS

- DC Volts, TRMS AC Volts, Frequency & Continuity
- 6000 count LCD display
- Resistance & Capacitance (DT4222)
- Fast Update Bar Display
- Non-Contact Voltage Detect & Auto AC/DC Detect (DT4221)
- Convenient Pocket Size



DT4221



SPECIFICATIONS

DC Volts:	4 ranges, 600.0mV to 600.0V ($\pm 0.5\%$ rdg $\pm 5d$)
AC Volts TRMS:	3 ranges, 6.000V to 600.0V ($\pm 1.0\%$ rdg $\pm 3d$, 40-500Hz)
Ohms (DT4222):	6 ranges, 600.0 Ω to 60.00M Ω ($\pm 0.9\%$ rdg $\pm 5d$, <6M Ω)
Frequency:	3 ranges, 99.99Hz to 9.999kHz ($\pm 0.1\%$ rdg $\pm 2d$)
Capacitance (DT4222):	6 ranges, 1.000nF to 10.00mF ($\pm 1.9\%$ rdg $\pm 5d$, <1mF)
Continuity:	Buzzer sounds for <25 Ω on 600 Ω range
Other Functions:	DT4221: Non-contact voltage detect, AC/DC auto detect DT4222: Diode check
Ratings:	CAT III 600V, CAT IV 300V; IP42 dust & water
Bar Update Rate:	40/sec
Dimensions:	2.83" x 5.87" x 1.5" (72x149x38mm)
Accessories:	Test leads DT4911, holster, battery

ORDERING INFORMATION

HK/DT4221	4-Digit TRMS Pocket DMM
HK/DT4222	4-Digit TRMS Pocket DMM with Ohms & Capacitance

PHASE DETECTOR



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

PD3129

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/PD3129	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



3120



- 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



3280-20

- 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 Ω
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