

Hioki Testers

INFRARED THERMO HITESTER



Also in
HPK-1 Kit

- Pistol Style with Backlit LCD
- Laser Aiming Marker
- Selectable °F/°C
- Min/Max Function
- Upper/Lower Alarm Settings
- Stores 50 Measurements

◀ **3419-20**

CE

SPECIFICATIONS

Measurement Range:	-35 to 500 °C (-31 to 932 °F)
Display Resolution:	0.1 °C (0.2 °F)
Wavelength:	6 to 14 μm
Emissivity:	0.17 to 1.00 by steps of 0.01
Field of View:	8 : 1 distance to spot
Sighting:	Red laser marker, 1 mW (class 2)
Accuracy:	-35.0 to -0.1°C : ± 10 % rdg. ± 2 °C 0.0 to 100.0°C : ± 2 °C 100.1 to 500.0°C : ± 2 % rdg.
Battery (Life):	9V alkaline (80 hrs with laser & backlight off)
Operating Temperature:	0-50°C (32-122°F), <80%RH (non-condensating)
Dimensions:	1.81" × 6.77" × 4.65" (46×172×118 mm)

LAN TESTER



- Verify Wire Destinations
- Detect Split Pairs
- Measure Cable Length
- Check Wire & Shield Condition

◀ **3665-10**

CE

SPECIFICATIONS

Cable Types:	Twisted-pair, 100Ω shielded/unshielded, CAT 3, 4, 5, 5e, 6
Connectors:	RJ-45 plugs
Errors Detected:	Open, short, reversed, transposed, split pairs & miswires
Cable Length:	2-300 m, (6.6-984 ft) with 0.1 m (0.3 ft) resolution
Direction Check:	Up to 21 cables can be identified using the supplied 9690 terminator & optional 9690-01 to 9690-04
Display:	LCD with backlight & beeper
Switch:	Select between meters or feet
Battery (Life):	Two AA (50 hours)
Dimensions:	3.4" × 5.2" × 1.3" (85×130×33 mm)

PENCIL DMM

CE

▶ **3246**



- Backlit 4199 Count LCD
- Auto or Manual Ranging
- Data Hold, Continuity Beeper
- Pushbutton Penlight

SPECIFICATIONS

DC Volts:	420m / 4.2 / 42 / 420 / 600V (±1.3 % rdg ± 4d)
AC Volts (50-500Hz):	4.2 / 42 / 420 / 600V (±2.3 % rdg ±8d)
Ohms:	420 / 4.2k / 42k / 420k / 4.2M / 42MΩ (±2.0 % rdg ±4d), plus diode check
Rating:	CAT III 600 V
Dimensions:	1.2" × 1.0" × 7.2" (31×26×84 mm)

NEW

TRMS AC CLAMP METER WITH LEAKAGE



- Measure to 200A TRMS AC
- Leakage with 10μA Resolution
- Recorder/Waveform Output
- Min/Max & Display Hold
- Switchable Filter

◀ **3283**

CE

SPECIFICATIONS

AC Amps:	10.00 mA to 200 A, 5 ranges
Accuracy (50/60Hz):	±1.0 % rdg. ±5 dgt. (1.5 % on 200 A range)
Frequency Response:	40 Hz to 2 kHz (on AC Amps)
Frequency Measure:	100.0 or 1000 Hz, 2 ranges (±0.3 % rdg. ±1 dgt.)
Switchable Filter:	180 Hz ±30 Hz /-3 dB
Analog Output:	1 V /f.s, DC or AC mode
Display:	1000 count digital, 35 segment bargraph
Sampling Rate:	2 or 4 times/sec (Slow: 1 time/3 sec)
Crest Factor:	2.5 (1.5 on 200 A range)
Circuit Voltage:	300 V AC rms max. (insulated wire)
Power:	9V battery or AC adapter
Wire Dia.:	Ø 40 mm (1.57") max.
Dimensions:	2.44" × 8.86" × 1.54" (62×225×39 mm)
Rating:	CAT III 300V

TRMS AC CLAMP METER



- 1000A & 600V TRMS AC
- Ohms, Frequency & Continuity
- Waveform Distortion Check
- Inrush Peak Capture
- Min/Max & Display Hold

◀ **3282**

CE

SPECIFICATIONS

AC Amps:	30.00 / 300.0 / 1000 A (±1.0% rdg. ±5 dgt)
AC Volts (50/60Hz):	300.0 / 600 V (±1.0 % rdg. ±3 dgt.)
Frequency Response:	40 Hz to 1 kHz (on AC Amps/Volts)
Frequency Measure:	100.0 or 1000 Hz (±0.3 % rdg. ±1 dgt.)
Resistance Measure:	1k & 10k ranges
Temperature Measure:	-50 to 150 °C (with Probe 9462, sold separately)
Display:	3000 count digital, 35 segment bargraph
Sampling Rate:	2 or 4 times/sec (Slow: 1 time/3 sec)
Crest Factor:	2.5 (1.7 on 1000 A or 600 V range)
Circuit Voltage:	300 V AC rms max. (insulated wire)
Power:	9V battery (45 hours)
Wire Dia.:	Ø 46 mm (1.8") max.
Dimensions:	2.44" × 9.06" × 1.54" (62×230×39 mm)
Rating:	CAT III 1000V, CAT IV 600V

ORDERING INFORMATION

HK/3246	Pencil DMM, battery included
HK/3282	TRMS AC Clamp Meter
HK/3283	TRMS AC Clamp Meter & Leakage Tester, with case & strap
HK/3419-20	Infrared Thermo Hitester, with carrying case
HK/3665-10	LAN Tester, with carrying case & 9690 Terminator
HK/HPK-1	HVAC/Electrical Contractor Kit (includes 3120 Voltage Probe, 3280-10 Clamp-on Meter, 3419-20 IR Tester, 3804 DMM)