

Fluke Leakage Clamp Meter

NEW

- Measure leakage current with 1 μ A resolution, for monitoring of insulation erosion
- Measure to 60 A, for general installation needs
- Perform tests without powering down the installation or disconnecting equipment
- Advanced shielding ensures accurate results when measuring near other conductors
- Easy-to-carry, pocket-sized clamp with 40 mm (1.5") jaw size
- Handy "Display-Hold" button for capturing readings in hard-to-reach places
- Auto power-off, with warning buzzer, saves battery life
- Meets safety standard VDE0404-4 and VDE0702 for leakage current and differential current measurement of electrical appliances



360

SPECIFICATIONS

Ranges:	3 ma, 30 mA, 30 A, 60 A
Resolution:	0.001 mA, 0.01 mA, 0.01 A, 0.1 A
Accuracy:	$\pm 1\%$ rdg $\pm 5d$ (≤ 50 A) $\pm 5\%$ rdg $\pm 5d$ (>50 A)
Frequency range:	15-150 Hz
Maximum current:	60 A rms
Digital display:	3200 count LCD
Bargraph display:	32 segment LCD
Measurement cycle:	2/sec. (digital display), 12 /sec. (bargraph display)
Range switching:	Auto-range
Environment:	0-50 °C, <80 % RH (non-condensing)
Temperature coefficient:	<0.05 % of range/°C (0-18 °C & 28-50 °C, <50 A)
Influence of external magnetic field:	0.0005 % typical (on current value of adjacent cable)
Influence of conductor position:	Within accuracy
Circuit voltage:	≤ 300 Vrms
Safety standard:	EN 61010-1, EN 61010-2-032. 300 V CAT II, Pollution Degree 2
Battery type:	3 V Lithium battery (CR2032)
Battery life:	Approx. 90 hours (continuous use)
Conductor diameter:	40 mm (1.57") max.
Dimensions:	176 x 70 x 25 mm (6.9" x 2.8" x 1")

ORDERING INFORMATION

Fluke-360 Leakage Current Clamp Meter

Hioki AC Power Monitors

Clamp-On Power HiTester

- Measure up to two 3 \emptyset , 3-wire systems
- Measure up to four 1 \emptyset , 2-wire systems
- 5A to 5000A range
- Simultaneous recording of demand values and harmonics
- Ideal for troubleshooting & energy management



3169

3169 SPECIFICATIONS

Systems:	1 \emptyset 2-wire, 1 \emptyset 3-wire, 3 \emptyset 3-wire, 3 \emptyset 4-wire (50/60 Hz)	Accuracy:	$\pm 0.2\%$ rdg $\pm 0.1\%$ f.s. + Clamp accuracy (for active power) With 9660: $\pm 0.3\%$ rdg $\pm 0.02\%$ FS With 9661: $\pm 0.3\%$ rdg $\pm 0.01\%$ FS With 9669: $\pm 1.0\%$ rdg $\pm 0.01\%$ FS With 9667: $\pm 2.0\%$ rdg ± 1.5 mV With 9694: $\pm 0.3\%$ rdg $\pm 0.02\%$ FS
Functions:	ACV, ACA, W, VA, VAR, PF, integrated power, Frequency, Harmonics	Harmonics:	Up to the 50th order, $\pm 3\%$ FS + measurement accuracy
Ranges:	150/300/600V With 9660: 5-100A, 4 ranges With 9661: 5-500A, 5 ranges With 9669: 100A-1kA, 3 ranges With 9667: 500A-5kA, 2 ranges With 9694: 0.5A-5A, 3 ranges	Power:	100 to 240VAC, 50/60 Hz
Power:	75W to 9MW, 108 combination patterns	Dimensions:	8.3"W x 6.3H x 2.4"D

Power Quality Analyzer

- Measure Dips, Swells, Interruptions, Flicker, Transients
- Harmonic to the 50th order
- High frequency transient over voltage
- Detection and waveform display
- 4 current and 4 voltage channels



3196

3196 SPECIFICATIONS

Systems:	1 \emptyset 2-wire, 1 \emptyset 3-wire, 3 \emptyset 3-wire, 3 \emptyset 4-wire (50/60 Hz)
Ranges:	Ch1, Ch2, Ch3: 150/300/600V AC Ch4: 60/150/300/600V AC, 60/600V DC 9660: 50/100A, 9661: 50/500A, 9667: 500/5000A, 9669: 1000A
Measurements:	1. Transient overvoltage 2. Voltage swell, Voltage dip, Voltage interruption 3. Frequency, Voltage, Current, Voltage/Current peak, Active/Reactive / Apparent power, Power factor, DPF 4. Voltage unbalance ratio, Current unbalance ratio 5. Harmonic voltage/current/power, Inter harmonic voltage/current, Harmonic voltage current phase angle, Total harmonic/inter harmonic distortion 6. IEC flicker[Pst, Plt], K factor / $\Delta V10$ (Japan)
Internal Memory:	13MB
Interface:	Flash ATA card (up to 528MB), RS-232C, LAN (10BASE-T), HTTP server function
Power:	Rechargeable battery & AC adapter
Dimensions:	11.8" W x 8.5" H x 2.7" D

ORDERING INFORMATION

Order Clamp-on Sensor Separately

HK/3169-20	Clamp-On Power HiTester, with voltage leads
HK/3196	Power Quality Analyzer, with voltage leads
HK/9660	100A Clamp-On Sensor
HK/9661	500A Clamp-On Sensor
HK/9669	1000A Clamp-On Sensor
HK/9667	5000A Flexible Clamp-On Sensor
HK/9694	5A Clamp-On Sensor

Other Options: Printer, memory cards, PC software, carrying case