

- High accuracy and resolution
- Large 3 3/4 digit, 3999 count LCD with bargraph
- Frequency
- Max/Min, auto zero
- Display hold
- Overload protection
- CE marked
- Includes two 1.5V 'AA' batteries, carrying case and owners manual

AC current range	4A,400A	Jaw opening	23mm
DC current range	4A-400A	Dimensions	63.5 (L) x 184.15 (W) x 38.1 (H)
Frequency	40Hz to 1KHz		

231087

Mfrs. List No.	Order Code	1+	+	+
72-6185	342-1545	9,896.00	--	--
Standard Calibration		S	C4	
UKAS Calibration		N	C4	

AC/DC Clamp meters
LH630 Series 1000A



- Autoranging and auto zero
- Display hold
- 4000 count display
- Diode and continuity tester
- Mains proof ohms range with diode test and continuity bleep
- IEC 1010 safety features include a tactile barrier and special jaw design
- Supplied with leads, manual and battery

LH635/LH1035 Additional features

- True RMS measurement of distorted or none sinusoidal ac waveforms
- Max-hold display

H=230, W=98, D=52

Ranges	LH630	LH635	LH1035
Current ranges	400A to 1000A	400A to 1000A	400A to 1500A
Resolution	0.1A, 1A	0.1A, 1A	0.1A, 1A
Accuracy	1.3% +/-3 digits	1.3% +/-3 digits	1.9% +/-3 dgts

Voltage ranges (all ranges)	LH630	LH635	LH1035
ac/dc	400V to 600V	400V to 600V	400V to 600V
Resolution	0.1V, 1V	0.1V, 1V	0.1V, 1V
Resistance	400R to 4kR	400R to 4kR	400R to 4kR
Jaw size	35 Ø	35 Ø	50 Ø
Dimensions	H=230, W=98, D=52, Wt.=500g	H=230, W=98, D=52, Wt.=500g	H=251, W=98, D=52, Wt.=500g
Battery	9V alkaline	9V alkaline	9V alkaline

222416

Mfrs. List No.	Order Code	1+	+	+
LH630	626-053	12,024.00	--	--
LH635	626-259	15,126.00	--	--
LH1035	100-225	18,619.00	--	--
Standard Calibration Charge		S	C8	

True RMS AC/DC Clamp - On Multimeters
200A/1000A/2000A



- ac & dc amps, volts, ohms, diode and continuity testing
- True RMS measurement of complex waveforms avoids errors
- True RMS measurement available for ac, dc (A, V) and ac + dc (A)
- Autoranging and auto-zeroing
- Analysis of ac and dc current components
- Excellent accuracy - little affected by external magnetic fields or off-centre conductor positioning
- Display-hold and max-hold modes for convenience in use
- Analogue outputs for recorder, logger or oscilloscope
- Large jaw capacity-takes 50mm or 2x30mm diameter cables
- IEC1010 safety features include a tactile barrier and special jaw design
- Conformity with EMC Standards reduces susceptibility to electromagnetic interference and ensures high reliability
- Supplied with soft case and test leads

H=251, W=98, D=52mm

Non-invasive Current Measurement

	LH240	LH1040	LH2040
Ranges (auto-ranging)	40A, 200A	400A, 1000A	400A, 2000A
Measurement methods	dc or ac True RMS, or dc only	dc or ac True RMS, or dc only	dc or ac True RMS, or dc only
Resolution	10mA (40A range) 100mA (200A range)	100mA (400A range) 1A (1000A range)	100mA (400A range) 1A (2000A range)
Accuracy	+/-1.3% of reading +/- 3 digits		
Crest Factor	6 maximum for True RMS measurements		
Maximum measurable load	200A dc or ac peak	1000A dc or ac peak	2000A dc or ac peak
Maximum overload	10,000 amps		

Voltage Measurement

Methods & measurement	ac true rms or dc
Maximum overload	1,000V
Ranges (auto-ranging)	400V to 600V

Resistance, Continuity and Diode Testing

Ω Ranges (auto-ranging)	400R to 4kR
Ω Resolution	0.1Ω (400Ω range), 1Ω (4kΩ range)
Ω Accuracy	±1% of reading ±3digits
Input protection, Ω & diode test	To 600V, dc or sinewave rms
Diode-test 3.2V max. open circuit, 0.3mA short circuit	Reads forward-based diode voltage to 2,000mV
Diode-test accuracy	±1% of readings ±2digits

Battery Type	9V alkaline : MN1604, PP3, IEC6LR61 or equiv.
Battery life	Typically 40 hours
Weight	500g
Jaw size	55mm

222413

Mfrs. List No.	Order Code	1+	+	+
LH240	626-065	25,762.00	--	--
LH1040	626-077	25,458.00	--	--
LH2040	626-089	34,071.00	--	--
Standard Calibration Charge		S	C8	
UKAS Calibration Charge		N	C8	

LEM Analyst 2060



The new Analyst 2060 combines the functionality of a current clamp, power quality, meter, oscilloscope and data logger in single hand held instrument which has been designed for safety and ease of use. The Analyst 2060 provides additional power quality measurements including live bargraph display of harmonics.

- W, VA, VAR, kWh and Power Factor measurement, even for distorted waveforms
- ac and dc current measurement up to 2000A
- True rms, Peak, Crest Factor, THD, DF and Frequency for current and voltage
- Large backlight display for waveform, chart and multi parameter display
- Internal and PC based data logging of up to 5 parameters for 24 hours to identify intermittent faults
- Optional WinLog software and interface for downloading data and waveforms for harmonics analysis
- 8 data set memory and min, max, average recording
- Built in 3 phase power capability
- IEC1010 Cat IV for enhanced safety in hazardous areas
- Supplied with test leads, carry case and alkaline batteries
- Live Harmonics analysis and bargraph display
- PC based datalogging of Harmonics with WinLog
- Extended internal memory for data logging of up to 5,000 readings (2050 - 2,000 rdgs)
- Measurement of DC ripple
- Automatic selection of Amps/Volts signals when measuring power quality
- IEC1010 Cat IV crocodile clip set

Current	40/400/2000A
Resolution	0.01A, 0.1A, 1A
Accuracy	1.5% of reading +/-5 digits
Voltage	4/40/400/600V
Resolution	0.001V, 0.01V, 0.1V, 1V
Accuracy	+/-1% of reading +/-5 digits
Power	
Watts/VA/VAR	4/40/400/1200k
Resolution	1, 10, 100, 1k
Accuracy	±2.5% of reading ±5 digits
PF	0.3cap to 0.3ind
Resolution	0.01
Accuracy	±3 deg
kWh	4, 40, 400, 4000, 40000
Resolution	1Whr, 10Whr, 100Whr, 1kWhr, 10kWhr
Accuracy	±3% of reading ±5 digits
Frequency	10Hz to 1kHz
Accuracy	40-70Hz ±0.5%, 10-1kHz ±1%
Data Logging	2000 readings internal
Harmonics	% F _n or RMS plus actual values up to the 25th
Fundamental Hz	45Hz to 65Hz
DC Ripple	2% to 600%
Resolution	0.1%
Data Logging	5000 readings internal

WINLOG P/N 100-316

231093

	Order Code	1+	+	+
Analyst 2060	317-2910	62,131.00	--	--

Test Equipment - Electrical / Environmental

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Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS