

Analyst 2050 / 2060

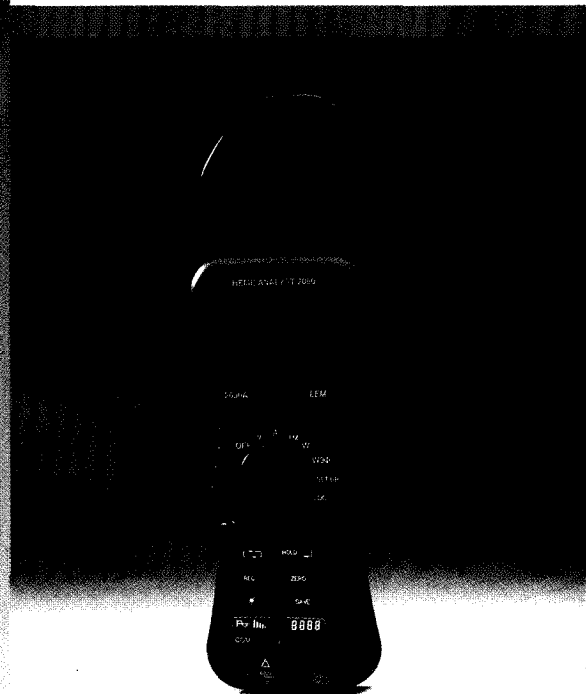
True RMS Clamp-on Power Meters

POWER CLAMP OSCILLOSCOPE DATA LOGGER

- *W, VA, VAR, kWhr and power factor measurement*
- *AC and DC clamp on current measurement up to 2000A*
- *TRMS, Peak, Crest Factor, THD and Frequency for current and voltage*
- *Internal data logging of up to 5 parameters for 24 hours*
- *Large backlit display for oscilloscope mode, chart mode and multi parameter display*
- *8 screen save memory and min, max, average recording*
- *Built in 3 phase power capability for balanced loads*
- *IEC1010 Cat IV for enhanced safety in hazardous voltage areas*

Additional Features Analyst 2060

- *Live harmonics analysis and display*
- *PC based data logging of harmonics with WinLog*
- *Ripple measurement*
- *Smart Save to simultaneously capture all harmonics and associated waveforms*
- *Extended memory for data logging of up to 5000 readings*



SPECIFICATION

	AMPS	VOLTS	WATTS	VA	PF	kWHR
Ranges (auto-ranging)	40A 400A 2000A	4V, 40V, 400V, 600V	4kW, 40kW, 400kW 1200kW	4kVA, 40kVA, 400kVA, 1200kVA	0.3 cap to 0.3ind	4,40, 400, 4,000 40,000
Resolution	0.01A 0.1A 1A	0.001V 0.01V, 0.1V, 1V	1W, 10W, 100W, 1kW	1VA, 10VA 100VA, 1kVA	0.01	1, 10, 100 1,000 10,000WHR
Accuracy	±1.5% rdg. ±5 dgts.	±1% rdg. ±5 dgts.	±2.5% rdg. ±5 dgts.	±2.5% rdg. ±5 dgts.	±3 deg.	±3% rdg.
Max. Measurement	2000A AC Pk 2000A DC	600V RMS 600V DC	1200kW	1200kVA	—	28,800kWHR
Max. overload	10,000A	1,000V RMS	10,000kW	10,000kVA	—	—

LOGGING

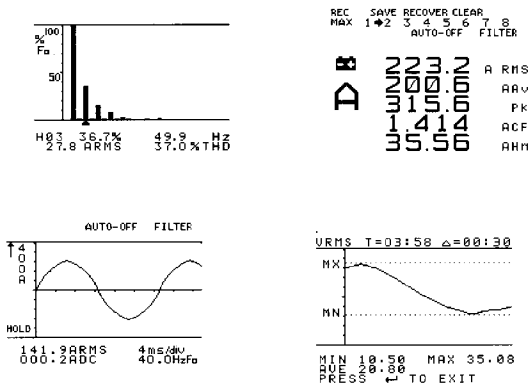
Data can be stored as Saved Screens or logged values. All parameters shown on the screen are logged simultaneously. Stored readings can be recalled and displayed on-screen in normal screen format or in the case of logged data as a chart. All saved data can be downloaded to a PC including waveforms for harmonics analysis using WinLog software. WinLog also allows direct logging to a PC of waveforms, harmonics and up to 5 measured parameters.

Memory Size

Analyst 2050: 8 Screens and up to 2000 readings
Analyst 2060: 8 Screen Smart Save and up to 5000 readings.

DISPLAY

Dot matrix LCD 160 x 128 dots with backlight.



POWER SUPPLY

Battery type 6 x AA Alkaline MN1500, LR6
Battery life Typically 24 hours. (Backlight off)

Note:

1. All accuracies stated at 23°C ± 1°C (73.4 ± 1.8°F).
2. True RMS measurements taken over 500 ms.

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LEM HEME LIMITED have a policy of continual product improvement and the company reserves the right to revise the above specifications without notice.

MECHANICAL DATA

Dimensions (H x W x D) 300 x 98 x 52 mm
12 x 3.75 x 2 inches
Weight 750 gm / 1.65 lbs
Jaw Capacity 60 mm diameter
Jaw Opening 62 mm

ENVIRONMENTAL DATA

Operating Temperature 0°C to 50°C (32°F to 122°F)
Temperature Coefficient (Current) ± 0.1% of reading per °C
± 0.06% of reading per °F
Storage Temperature -20°C to 60°C (-4°F to 140°F)

SAFETY

All models comply with IEC1010-1, 600V CAT IV (1000V CAT III), Pollution degree 2.

MAXIMUM SAFE VOLTAGES

Current Measurement 600V AC RMS or DC between uninsulated conductor & ground (bare conductors)
Voltage Measurement 600V AC RMS or DC between input terminals or between live terminal & local ground.

LEM

The LEM group offer a wide range of non-invasive transducers, probes and instrumentation for the measurement and analysis of current, voltage and power.

Since the introduction of the world's first digital AC/DC clamp-on ammeter in 1982, LEM HEME has continued to provide innovative test and measurement solutions encompassing current measurement from 5mA to 2,000A.

Distributor

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