

## HA-2000 Harmonalyzer Harmonics Analyzer

- > Comes as a complete kit, a CT and PC software are included with product
- > Measures:
  - AC/DC Voltage up to 600V with two cycles waveform display
  - AC Current up to 1000A with two cycles waveform display (optional 10A and 3000A transducers available)
  - Individual voltage and current harmonics to 31<sup>st</sup>
  - Power (working - W, reactive VAR, apparent VA)
  - Power factor
  - Frequency 40Hz to 65Hz
- > Stores 21 waveforms in memory
- > Selectable fundamental frequency 50 or 60Hz
- > Readings and charts can be viewed on the HA-2000's LCD screen (harmonics up to 19<sup>th</sup>) or downloaded to a PC (harmonics up to 31<sup>st</sup>)



HA-2000

Transducers	HACT-2CE (Standard)	HACT-1/10 (Optional)	HACT-100/1 (Optional)
Current range	1A to 1000A	5A to 3000A	0.05A to 10A
Multiplier	N/A	Readings need to be multiplied by 10	Readings need to be divided by 100

Optional Accessories	Part Number
3000A current transducer	HACT-1/10
10A current transducer	HACT-100/1

Replacement Parts (supplied with product)	Part Number
Current transducer	HACT-2CE
Serial port adapter	HADAPT
Voltage test leads	HAVL-2
Carrying case	HACC



HACT-100/1 (Optional)

HACT-1/10 (Optional)

## LAS800 Voltage Spike Recorder

- > Records single phase AC Voltage up to 880V
- > Simultaneously records spikes (350 nanoseconds or longer), surges and sags (1/2 cycle or longer)
- > Adjustable thresholds for all three anomalies
- > Multiple AC Voltage ranges 0-220/ 440/ 880 V
- > Works on 60 Hz frequency
- > 30 hours continuous recording time with single roll of 30ft chart paper
- > Fast, high performance meter with affordable price

Replacement Parts (supplied with product)	Part Number
Fuse 0.2 Amps 250V	3AG-313
Strip chart paper (30 feet)	800S
Power cord	PC-3
Voltage test leads	VL-74
Instruction manual	



LAS800