

TECHNICAL CHARACTERISTICS

Power supply circuit:

Voltage	230 V a.c.
Tolerance	+10% -15%
Frequency	50-60 Hz

Internal Battery:

5 hours continuous mode
24 hours in non continuous mode

Consumption	5 VA
Working temp	0-50 C
External battery charger.	

Voltage measuring:

Measuring range	20-850 V a.c.
Phase-phase or phase-neutral measurement	
Other Voltages through voltage transformers	
Frequency	45-65 Hz

Current measuring:

Measuring range clamps range up to 5000 A
programmable clamp ratio
Measuring units: Automatic scale
Internal clock with rechargeable battery

Display:

Graphic 160 x 160 pixels contrast adjustment by keyboard
Graphic and numerical data display
All electrical data shown on screen.

Measuring system:

16 bit microprocessor
EPROM or Flash EPROM depending on model.
Four quadrant measurement (import-export).
Continuous or trigger measurement.

Set-up:

Easy set-up assisted by screen window menu.
Data transfer to PC via RS-232

Accuracy class:

Current	0.5 %
Voltage	0.5 %
Active power	1 % readout
Reactive power	1 % readout

based upon: temperature range: from 5 to 45 C, Power Factor: from 0.5 to 1
Measurement range: from 5% to 100 %

Construction characteristics:

Type	Portable
Case	Plastic (VO) shock protected
Dimensions	200 x 130 x 62 mm
Weight	0.61 kg

Standards:

IEC 1000-4-7, IEC 868, IEC 1010-1, EN 61010-1, IEC 521, IEC 564