



MEASURES

- AC/DC Voltage
- AC/DC Current
- Frequency - 50, 60 & 400 Hz
- V & I Crest Factor
- kW, kVA, kVA_r
- PF, Cos ϕ , Tan ϕ
- Wh,VAh, VA_rh
- THDf on V, U, I, In
- Harmonics up to 50th order on V, U, I & In

SALIENT FEATURES

- High electrical safety standards as IEC 61010, CAT IV 600V / CAT III 1000V
- Magnetic Latch for instant mounting and removal on electrical panels
- 17 types of electrical connections possible
- Bluetooth interface, USB and Ethernet communication
- Data logging & data retrieval possible directly from SD card (SD Card is removable)
- Auto CT recognition, accepts up to 9 different CTs for measurement
- Simultaneous data logging and harmonic analysis
- Complete freedom to select time interval and duration
- DataView software for data download / retrieval and report generation
- Android App for instrument configuration & viewing of real-time data through Bluetooth

TECHNICAL SPECIFICATIONS

Number of channels	3U/3I
Voltage (TRMS AC + DC)	100V to 2000V ph-ph /50V to 1000V ph-N
Voltage ratio	Up to 650 kV
Current (TRMS AC + DC)	5mA to 10,000 Aac / 50 mA to 5,000 Adc (depending on Clamp)
Current ratio	Up to 25 kA
Frequency	42.5-69Hz, 340 - 460Hz
Power values	W, VA, VA _r , VAD, PF, DPF, cos ϕ , tan ϕ
Energy values	Wh, VAh, VA _r h
Voltage Accuracy	\pm (0.2% \pm 0.4V)
Current Accuracy	\pm 0.2% \pm 0.02% Inom
Active Power Accuracy (kW)	\pm 0.7% \pm 0.007% Pnom
Harmonics, THD	on V, U, I & In up to 50th order
Storage Capacity for a selection of parameters at 1s interval	Few days to few weeks
Phasor Diagram	Yes - on PC
Display	Back lit LCD
Electrical safety	IEC 61010, 1000V CAT III / 600V CAT IV
Protection	IP54
Communication interface	USB, Bluetooth, Ethernet
Battery/ Battery life	8.4V NiMh Rechargeable battery / 30 minutes
Dimensions / Weight	256 x 125 x 37 mm/ 1.0kg