



MEASURES

- Voltage, Current, Frequency
- kW, kVA, kVAR, Distorted kVAR
- PF, Cos ϕ , Tan ϕ
- Short-term Flicker, FHL, CF, K-Factor
- Harmonics up to 50 order
- 4 Quadrant Energy: Wh, VAh, VARh, Dh (Distortion Energy)

SALIENT FEATURES

- High electrical safety standards as IEC 61010, CAT IV 600V/ CAT III 1000V
- Complete freedom to select parameters, time interval and duration Record up to 12 snapshots (pictures)
- Phasor diagram with Phase Angles
- DataView software for download and report generation as per EN50160
- Direct recording on PC with DataView software
- 4 sets of pre-recorded configuration for data logging
- Battery backup up to 13 hours for operation & 40 hours for data logging
- Auto CT recognition, accepts upto 9 diferent CTs for measurement
- CT/PT ratios are field programmable
- 4 sets of pre-recorded configuration for data logging
- Flexibility to set different threshold levels for V & I on each phase
- Hindi Language option for operation
- Colour TFT having clear wide angle view and Night-view facility

TECHNICAL SPECIFICATIONS

Number of channels	3U/3I
Voltage (TRMS AC + DC)	2 V to 2000 V ph-ph / 2 V to 1000 V ph-N
Voltage ratio	Up to 500 kV
Current (TRMS AC + DC)	5mA to 10,000 Aac /50 mA to 5,000 Adc(depending on Clamp)
Current ratio	Up to 60 kA
Frequency	42.5 to 69 Hz
Power values	W, VA, VAR, VAD, PF, DPF, cos ϕ , tan ϕ
Energy values	Wh, VAh, VARh, Dh
Voltage Accuracy	\pm (0.5% + 1V)
Current Accuracy	\pm 0.5% + CT Accuracy
Active Power Accuracy (kW)	\pm 1%
Harmonics, THD	on V, U, I, VA up to 50 th order
Flicker (Pst & Plt)	Pst
Storage Capacity for a selection of parameters at 1s interval	4 hours to 2 weeks
Phasor Diagram	Yes - on instrument & on PC
Display	Colour 1/4 VGA TFT screen, 320 x 240, diagonal 148mm
Capture of screen snapshots	12
Electrical safety	IEC 61010, 1000V CAT III / 600V CAT IV
Protection	IP53 / IK08
Communication interface	USB
Battery/ Battery life	9.6V NiMh rechargeable battery/ Up to 13 hours
Dimensions / Weight	240 x 180 x 55 mm/ 1.9 kg