

Order Code : 20213590.1.22  
Name : Power Analyser



### Specification:

#### Features:

- Analysis of 3P4W, 3P3W, 1P2W, 1P3W Systems
- Display of 35 Parameters in one screen (3P4W)
- Programmable CT (1 to 600) and PT (1 to 3000) Ratios
- Graphic Phasor Diagram
- RMS, PEAK Value & Crest Factor
- True RMS value, Active Power, Apparent & Reactive Power (KVA, KVAR)
- Power Factor, Phase Angle ( $\Phi$ ) & Energy (WH, KWH, KVARH, PFH)
- Average / Maximum Demand (KW, MW, KVA, MVA) with Programmable Period
- Display of 50 Harmonics in one Screen with Wave form with Peak value (1024 Sample / Period)
- Analysis of total Harmonic Destoration (THD-F)
- Capture 28 Transient Events with Programmable Threshold (%) (DIP, SWELL & OUTAGE)
- Built in timer & Calander for Data Logging
- Facility to retrieve Power Data & Harmonics on Meter Screen
- 512K Memory with Programmable Interval (2 to 3000 seconds, 17000 records for 3P4W System)
- Optical Isolated RS-232C ~ USB Interface
- Software for easy download of Recorded Data & Transient events
- Calculated Unbalanced Current through Neutral line

<b>Battery Type</b>	1.5V SUM-3 x 8	<b>Operating Condition</b>	-10°C to 50°C $\leq$ 85% RH
<b>External DC Input</b>	Power supply adapter 12 Volts. DC	<b>Storage Condition</b>	-20°C to 60°C $\leq$ 75% RH
<b>Display</b>	Dot Matrix LCD (240x128) with backlight	<b>Dimension</b>	257 x 155 x 57 mm
<b>LCD Update Rate</b>	1 time / second	<b>Weight</b>	1160 g (Batteries included)
<b>Power Consumption</b>	140mA (approx.)	<b>Accessories</b>	Voltage Test Leads x 4 (3 meter long )
<b>No. Of Samples</b>	1024 samples / period		Alligator Clips (Voltage) x 4 (R.Y.B.N.)
<b>Data Logging Files</b>	85		Carrying Bag x 1
<b>Max. File Capacity</b>	17474 records (3P4W, 3P3W)		Batteries 1.5V DC x 8
	26210 records (1P3W)		External DC Adaptor x 1
	52420 records (1P2W)		Software CD x 1
	4096 records (50 Harmonics / record)		Users Manual x 1
<b>Sampling Time</b>	2 to 3000 seconds for data logging		Software Manual x 1
<b>Low battery Indication</b>	<input type="checkbox"/> B		Optical USB Cable x 1
<b>Overload Indication</b>	OL		Current Clamps x 3 (Any One CT Set)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

### **TESCA TECHNOLOGIES PVT. LTD.**

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Accessories:

**3 pcs (R,Y,B) Clamp - On CTs**  
**Conductor Size : 30mm (approx.)**  
**Range : 1 / 10 / 100A**

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