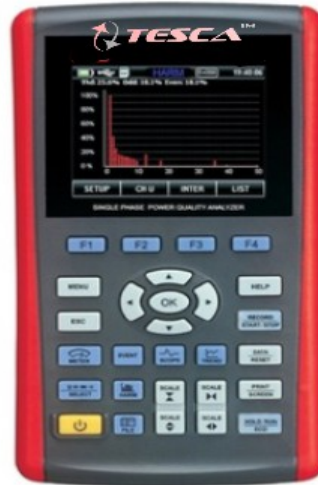


Order Code : 20213590.1.4

Name : Energy Meter



Features:

1. Trend/event capture
2. Harmonics/inrush current measurement
3. File management through USB interface
4. Flick measure (PST/PLT values)
5. User friendly interface
6. Multimeter functions
7. Scope functions including waveform display
8. 3.5 inches 64K color TFT LCD display
9. THD (Total Harmonic Distortion) function
10. Long-term monitoring

Technical Specification:

Specifications	Range	
Voltage (V)	10V~1000V AC/DC	±0.5%U _{din}
AC current (A)	10A/100A/1000A	±0.5%f.s.
Frequency (Hz)	40~70Hz	±50mHz
Power (W)	>15%S	±1%S
Power factor	0~1	±0.02
Energy (Wh)	0~9999MWh	±1.5%rdg
Crest factor	1 to 10	±5%

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

TESCA TECHNOLOGIES PVT. LTD.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302029, Rajasthan, India.
 Ph/ Fax: 91-141-2771791, 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
 Website: www.tesca.in

Crest factor	1 to 10	±5%
Voltage harmonics or inter-harmonics	$U_m \geq 3\% U_{nom}$ (1~51th, step 0.5th)	±5%Urms
	$U_m < 3\% U_{nom}$ (1~51th, step 0.5th)	±0.15%Unom
Current harmonics or inter-harmonics	$I_m \geq 10\% I_{nom}$ (1~51th, step 0.5th)	±5%Irms
	$I_m < 10\% I_{nom}$ (1~51th, step 0.5th)	±0.5%Inom
Power harmonics	(1~51th, step 1th)	Calculated based on voltage and current amplitude and phase accuracy
Transients	±6000V Peak, Fsample=2MHz	±5%rdg. ±5%f.s
Dip/swell/interrupt	0~1000V AC	Udin±1 %
AC inrush current (A)	10A/100A/1000A	±1%f.s
Resistance (Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(1%+3)
Capacitance (F)	60nF/600nF/6μF/60μF/600μF	±(4%+20)
Features		
True RMS		√
Harmonic analysis	Up to 51th	√
Flick measure	10 minutes, PST and PLT values	√
Voltage ratio		√
Current ratio		√
Event capture		√
Data logging	8GB	√
USB interface		√
Backlight adjustment		√
Low battery indication		√
Input protection		√
General Characteristics		
Power	Li-ion battery: 7.4V 3600mAh	
Display	70mm x 52mm; 3.5 inches 64K color TFT LCD (320 x 240)	
Product color	Red and grey	
Product net weight	808.4g	
Product size	199mm x 118mm x 49mm	
Standard accessories	Power adaptor, power cord, test leads, test probes, alligator clips, current clamp (10A/100A/1000A), USB interface cable, PC software CD, SD card (8GB)	
Standard individual packing	Gift box, carrying bag, English manual	
Standard quantity per carton	4pcs	
Standard carton measurement	665mm x 350mm x 305mm	
Standard carton gross weight	24.2kg	

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

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