



Feature:

- 3½ Digit Bright Red LED Display, 1999 (max) for Volt, Ampere and Low Power FactorWalttmeters
- 3 Digit Bright Red LED Display, 999 (max) for Frequency meters
- Light Compact sleek Design
- Accurate Readings.
- High resolution as compared to analog instruments
- No moving parts thus eliminating friction, wear and tear enhancing life of instruments
- Distinct reading eliminating ambiguity in readings.
- Auxiliary supply 230V AC. (Availability of other ranges is subject to technical feasibility)

GENERAL SPECIFICATION

Display	3½ Digit 14.2mm (0.56") Ht. Bright Red for Volts, Current, Low PF Watts. 3 Digit 14.2mm (0.56") Ht. Bright Red for Frequency.
Sampling time	0.4 Sec (approx)
Frequency Range	40-400 Hz for AC Volts. & Amp meters, 50 Hz For Wattmeters.
Over range indication	'1' is Displayed in MSD for 3 ½ digit meters
Polarity	'-' is displayed for negative. No indication for positive.
Aux. power source	230VAC ± 10% (50-60Hz.)
Power Consumption	< 5VA
Operating Temperature	0° ~ 50° C
Storage Temperature	-10°C ~ 70°C.
Max. Rel. Humidity	≤ 90 % Non - Condensing.
Dielectric Strength	AC 2 KV for 1 min. between input and power terminals.
Insulation Resistance	Over 20 MΩ @ 500VDC.

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

SINGLE RANGE		
RANGES	INPUT IMPEDANCE	RESOLUTION
199.9 uA	1K Ω	0.1 uA
1.999 mA	100 Ω	0.001mA
19.99 mA	10 Ω	0.01mA
199.9 mA	1 Ω	0.1 mA
1.999 A	0.1 Ω	0.001A
19.99 A	0.01 Ω	0.01 A
199.9 mV	$\geq 1M\Omega$	0.1 mV
1.999 V	$\geq 1M\Omega$	0.001V
19.99V	$\geq 1M\Omega$	0.01V
199.9V	$\geq 1M\Omega$	0.1V
600V	$\geq 1M\Omega$	1V

DUAL RANGE	
VOLTS	0-200mV / 0-2V, 0-2V / 0-20V, 0-20V / 0-200V, 0-200V / 600V (Any One)
CURRENT	0-200 μ A / 0-2mA, 0-2mA / 0-20mA, 0-20mA / 0-200mA, 0-200A / 0-2A, 0-2A / 0-20A (Any One)

FREQUENCY METERS (3 DIGIT DISPLAY)			
RANGE	RESOLUTION	INPUT IMPEDANCE	ACCURACY
99.9 Hz	0.1 Hz	$\geq 1 M\Omega$	0.1 Hz
999 Hz	1.0 Hz	$\geq 1M\Omega$	1.0 Hz

Other ranges available on request (Subject to technical feasibility)		
ACCURACY	SINGLE RANGE	DOUBLE RANGE
DC VOLT	$\pm (0.1\% \text{ Rdg} + 2 \text{ dgts})$	$\pm (0.5\% \text{ Rdg} + 2 \text{ dgts})$
DC AMPS	$\pm (0.3\% \text{ Rdg} + 2 \text{ dgts})$	$\pm (0.5\% \text{ Rdg} + 2 \text{ dgts})$
AC VOLTS	$\pm (0.5\% \text{ Rdg} + 3 \text{ dgts})$	$\pm (0.8\% \text{ Rdg} + 3 \text{ dgts})$
AC AMPS	$\pm (0.5\% \text{ Rdg} + 3 \text{ dgts})$	$\pm (0.8\% \text{ Rdg} + 3 \text{ dgts})$

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