



TECHNICAL SPECIFICATIONS
New !! Model 1523, True RMS, Wattmeter,
with RS-232 Communication Interface & Special Auto-Scan function

2.1 Measuring Parameters : True RMS V, A, VA, W and Frequency.

2.2 Measuring Limits

- a) Voltage : 75V to 130V (115V operation).
- b) Current : 0.2 to 20A RMS AC (40A peak).
- c) Volt Amperes : 1.8 to 2600VA.
- d) Power : 1 to 2600W.
- e) Power Factor : 0.5 to unity (No display).
- f) Frequency : 45 to 65Hz.

2.3 Measurement Accuracy

- a) Voltage / Current : 0.5% of reading ± 1 digit.
- b) Volt Amperes/Power: 1% of reading ± 2 digits.
- c) Power Factor : 2% of reading ± 2 digits.
- d) Frequency : 0.25% of reading ± 1 digit.

Note : i) Accuracy valid only between above specified measurement limits.

ii) For VA, Power accuracies are valid only when voltage and current are between their respective limits.

2.4 Measurement Resolution

- a) Voltage : 0.1V.
- b) Current : 1mA up to 1 Amp., 10 mA above 1Amp.
- c) Volt Amperes : 1VA.
- d) Power : 1 Watt.
- e) Frequency : 0.01Hz.

2.5 Miscellaneous

- a) Display : 16x2 Alphanumeric LCD display.
- e) Interface : RS232.

2.6 Power : 75V to 130V (115V operation).

2.7 Instrument Power Consumption : 9W approx.

2.8 Operating Temperature : 5°C to 50°C, 90% RH.

2.9 Dimensions (mm) : 7" (W) x 8.5 (H) x 6.3" (D) approx.

2.10 Weight : 6lbs approx.

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