



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**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  $\pm 1$  digit.
- b) Volt Amperes/Power: 1% of reading  $\pm 2$  digits.
- c) Power Factor : 2% of reading  $\pm 2$  digits.
- d) Frequency : 0.25% of reading  $\pm 1$  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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