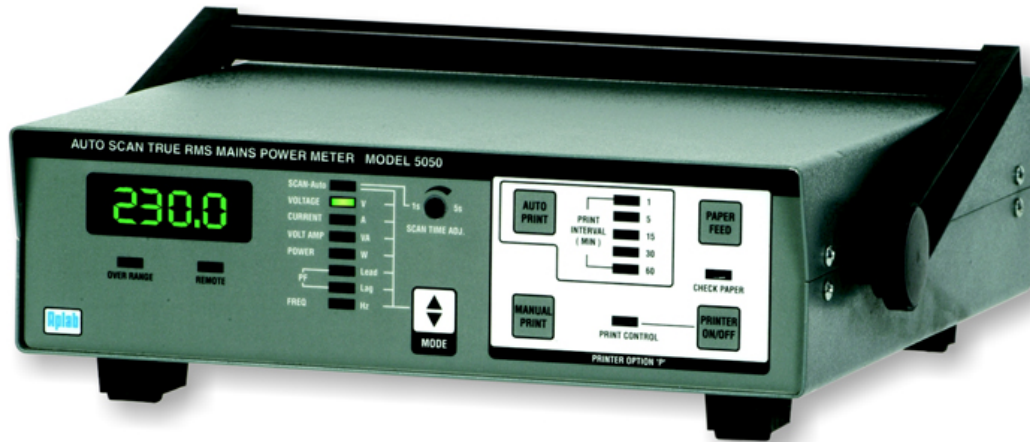


## Autoscan True RMS Mains Power Meter



### Features

- ★ Measures True RMS V, I, VA, W, Pf and Frequency
- ★ Scan Facility to Automatically Monitor All Parameters Sequentially
- ★ User Settable Scan Rate from 1s to 5s
- ★ Optional In-built Printer Facility Available
- ★ Built-in Clock for Providing Date & Time Stamp on Hard Copy
- ★ Print Interval Settable from 1 min to 60 min for Periodic Monitoring
- ★ Print on Demand Facility
- ★ Optional RS232 Facility for Remote PC Interface

### Description

5050 is a new addition to the range of power measuring instruments. The instrument is very useful for testing of compressors, refrigerators, motor, pump sets & air conditioners besides being a laboratory test equipment. It has been designed to provide total ease of operation with no external connections to be made.

Also provided is an optional in-built printer facility. Using this, periodic monitoring is made easy with selectable print intervals from 1 min to 60 min. Print on demand i.e. manual print facility has also been provided. An internal clock ensures correct date and time stamp on the hard copy. Also optional RS232 facility for monitoring on remote PC has been provided.

### Specifications

**Measuring Parameters** : True RMS V, I, VA, Watts, Power Factor and Frequency.

#### Measurement Limits

**Voltage** : 160V - 270V for 230V operation, 75V - 130V for 110V operation.

**Current** : 0.1 - 10A rms (10A rms @ crest factor = 2).

**Volt Amperes** : 8 - 1300VA (for 110V operation) / 16 - 2700VA (for 230V operation).

**Power** : 4 - 1300W (for 110V operation) / 8 - 2700W (for 230V operation).

**Power Factor** : 0.5 - 1.00 lag or lead.

**Frequency** : 45 - 65Hz.

**Display** : 4 digit 7 segment display.

**Annunciators** : V, I, VA, W, Pf Lag, Pf Lead, Freq, Over range, Remote.

**Scan Time** : 1s to 5s adjustable from front panel.

**For Optional Printer Annunciators** : Printer on/off. Print interval LEDs for 1 min, 5 min, 15 min, 30 min, 60 min & 'Check Paper' LED.

**Operating Temperature** : 5°C to 50°C, 90% RH.  
**Power** : 160 - 270V for 230V operation.  
75 - 130V for 110V operation (optional).  
**Consumption** : 9W approx.  
**Dimensions(mm)** : 240 (W) x 66 (H) x 250 (D) approx.  
**Weight** : 4 Kg. approx.

**Standard Accessories** : Instruction Manual - 1 No.  
Fuse 230V / 10 Amps (F) - 1 No.  
**Ordering Information**  
5050 : Autoscans True RMS Mains Power Meter.  
5050P : Autoscans True RMS Mains Power Meter with Printer.  
5050R : Autoscans True RMS Mains Power Meter with RS232 Interface.

*WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENT AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.*

## **Aplab** Test & Measurement Instruments

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