

**Power Meter  
5335B**

**Single-phase AC / DC power meter designed for measuring and analyzing power consumption as well as power quality parameters**



**Description**

The 5335B is a compact, single-phase AC / DC power meter for measuring and analyzing power consumption and power quality parameters quickly and accurately. It supports power measurements up to 600 Vrms and 20 Arms, with a bandwidth up to of 100 kHz.

**Rich Measurement Functions**

Measure all AC and DC parameters, including power, current, voltage, power factor, frequency, and phase. Additionally, the meter features a powerful integration function, the ability to perform harmonic measurements to the 50th order and an oscilloscope mode for viewing voltage and current readings in the time domain. 12 real-time parameters can be measured and displayed simultaneously in user customizable views.

**Features & Benefits**

- 600 Vrms ( Cat II ) and 20 Arms direct input ranges
- Frequency ranges DC, 0.5 Hz to 100 kHz
- 0.1% basic accuracy for voltage and current measurements
- 4.3-inch color LCD (TFT)
- Simultaneously measure and display up to 12 measurement parameters
- Capture inrush current, and voltage surge with the peak function
- Harmonic measurements to the 50th order
- Integration function with automatic range switching
- Ability to measure electrical energy which is produced or consumed
- Pre-compliance testing according to IEC/EN 62000-3-2 / 4-7
- Standard USB (USBTMC-Compliant), GPIB, RS232 and LAN interfaces
- Line and frequency filter capability for reducing unwanted signal noise
- Optional universal breakout box to simplify connection between power meter and DUT

**Specifications**

Models	5335B
Channel	1
Basic Power Measurement Accuracy (50/60 Hz)	0.1%
Input bandwidth	DC, 0.1 Hz to 100 kHz
Harmonic order	50
Maximum number of displayed measurements	12
Direct input current ranges	12 Ranges (5 mA to 20 A)
External current sensor input	V
Maximum AC voltage range	600Vrms
Harmonic measurement	V
Harmonic bar charts	V
Waveform display	V
Display type	Large full color TFT
Parameters	Volts rms, Volts Peak, Volts DC, Amps rms, Amps peak, Amps DC, Ampere Hour, Watt, Watt Peak, Watt Hour, Real Power, Reactive Power, Voltage Crest Factor, Current Crest Factor, Frequency, Total Harmonic Distortion, Distortion Factor, Phase, Integration Time
Interface	USB, LAN, GPIB, RS232

**Warranty: 3 Year (5335B only)**