

Microwave Power Meter 0-18 GHz



Model AT-211 B is an Automatic Self Balancing Power Meter. It measures RF Power with the help of temperature compensated Thermistor Mount from 10;UW to 10mW full scale with 1 % accuracy from 10 MHz to 40 GHz (depend upon type of Thermistor Mount)

With calibration factor control switch, AT-211 B normalizes the Power Meter reading to compensate the efficiency of used Thermistor Mount.

AT-211 B has provision for substitution measurements and Power Meter calibration. Output is provided for recorder or Digital Voltmeter readout.

Specifications:

Instrument Type	Model AT-211 B , Digital Power Meter
Power Range	Four Ranges With Full Scale Readings of 10 ⁰ W, 100 ^u .W, 1 mW and 10mW
Accuracy	± 1 % of fullscale on Milliwatt range And ± 2.5% on Micro Watt Range
Fine Zero	Automatic, operated by Front Panel Switch
Zero Carryover	Less than 0.5% of fullscale when zeroed on most Sensitive Range
Calibration	10 -position Switch normalizes Meter Factor Control Readings to account for Thermistor Range
Recorder	Proportional to indicated Power with output 1 Volt corresponding to fullscale 10

	kOhm output Impedance.
Bridge Output	(VRF and VCo,p), Direct Connection to Thermistor Bridges: Used in Calibration and Precision power measurement
POWER	230v ± 10% AC 50Hz, 10 Watts
SIZE	20x15x25 Cms
Standard Accessories	(i) Mains Cable - 1 No. (ii) Spare Fuse - 2 Nos. (iii) Instruction Manual -1 No.
Optional Accessories	(i) Connecting Cable for Thermistor Mount at AT-211 B is available on extra cost. (ii) Temperature compensated Thermistor Mount Model: HP-8478B, 10MHz - 18 Ghz (Make Agilent or else) may be supplied.

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