



Digital Power Meter

Accurate measurement of RF power.

The Power Density Meter measures the RF field strength over the range 0.001 to 2000 $\mu\text{W}/\text{cm}^2$. This extremely sensitive meter can accurately measure the RF background level even in rural areas. The meter reads true power density directly on the display with 3 ranges, 20, 200 and 2000



$\mu\text{W}/\text{cm}^2$. For comparison, a typical cordless phone will produce about 0.01 $\mu\text{W}/\text{cm}^2$ at a distance of 50 feet. At FM, TV and mobile phone frequencies, accuracy, is better than 3dB. Unlike many other power meters, it has built-in antenna and detection system which yields a flat response over a very wide range of frequencies. Even at 5GHz, signals can still be measured. The meter features an internal 9v battery with a low battery indication when there is about 10 minutes life remaining.

Specification		
Frequency range:		3 MHz - 2.5 GHz ($\pm 25\%$)
		0.5 MHz-3 GHz (-3dB)
Max Sensitivity:		0.001 $\mu\text{W}/\text{cm}^2$ at 1 GHz
Sensitivity:		25% at 5 GHz
		10% at 10 GHz
Max reading:		2000 $\mu\text{W}/\text{cm}^2$
Readout:		LCD, 4 1/2 digit
Bandwidth:	Wide:	0.5 MHz - 3 GHz
	Narrow:	100 MHz - 3 GHz
Antenna:		Internal
Averaging:		Fast / Slow selector switch
Power:		9V (pp3) internal battery
Battery Life:		60 hours (1000 mAH battery)

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Size: 15 cm x 9 cm x 3 cm

Order code: TDM-200

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