



PM 6003 POWER METER 9 KHZ to 3 GHZ



EMC immunity testing makes very specific demands on RF power meters. A large dynamic range, fast measurements, rugged design and a frequency range that matches the application are some of the unique requirements for power meters in an EMC test environment. The PM 6003 power meter has been specially designed with these features.

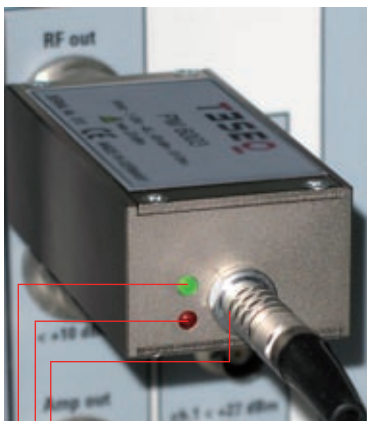
The PMU 6003 is designed for connection to the USB interface. It includes software that allows multiple power meter readouts at the same time. This device is powered from the USB interface. Drivers are available for optional Test House Software.

PM 6003

- Frequency range 9 kHz to 3 GHz
- Linear measurement range -45 to +20 dBm
- RMS power using log detector
- Low voltage detection
- For direct connection to USB
- Metal casing, ruggedly designed

Technical specifications

Frequency range:	9 kHz – 3 GHz
Linear measurement range:	-45 dBm to +20 dBm
Max. input/no damage:	+23 dBm
Input return loss:	>20 dB
Connector:	N male 50 Ω
Accuracy:	<0.5 dB, typ. <0.3 dB, 9: 15°C to 30°C <1 dB, typ. <0.5 dB, 9: 5°C to 45°C
Number of averages:	1 to 10000
Supply	
Current:	≤100 mA at 5 V
Voltage:	min. 4.7 V / max. 9 V



Mechanical specifications

Size (L x H x D):	105 mm x 27 mm x 40 mm
Weight:	approx. 166 g
Storage case size (L x H x D):	270 mm x 225 mm x 83 mm
Storage case weight:	approx. 700 g

- Communication port with locking mechanism
- LED, activity
- LED, power on



Advanced Test Solutions for EMC



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Control Software

The power meter is supplied with Windows-based control software. In addition to the different graphical modes, shown below, the software provides averaging, offset use, and the ability to switch units to dBm, dBµV or V. It can also handle simultaneous readouts of multiple power meters.



Delivery information



PMU 6003 in storage case

Part number	Description
254729	PMU 6003 Power meter PM 6003, 9 kHz to 3 GHz, version USB for direct connection to PC, cable LE 244 (length 2 m) and storage case included
97-254729	PM 6003-TC Traceable calibration (ISO17025), order only with the device
98-254729	PM 6003-DKD DKD calibration (ISO17025), order only with the device

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