

t-meter
VSWR • POWER METER

PRAXSYM
PRACTICAL SYSTEMS ENGINEERING

www.vswrmeter.com

Multi-Range Broadband Power Meter

Measure

Forward and Reflected power and VSWR.

Test and Verify

Transmitter power, connector terminations, antenna performance, and calculate transmission line loss

Cost Effective

Return on investment in a single day's use. Simple on-display menus allow users to interpret measurements quickly and easily.

Versatile

Hand-held design ideal for technicians. Unit and accessories included in a durable lightweight tri-fold nylon case.



Unit Actual Size

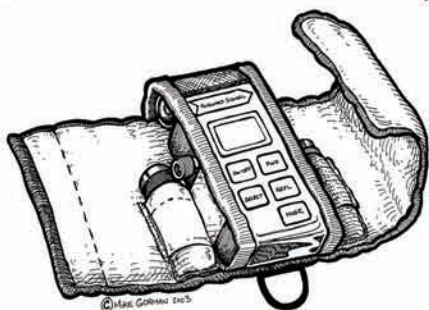
Included Accessories

Tri-fold
Carrying Case

50 Ω
Termination

5 W 10 dB
Attenuator

Male to Male
Type-N Adapter



PM-6000

Electrical Specifications

Frequency Range: 2400-2484 MHz
3400-3600 MHz
4940-4990 MHz
5250-5350 MHz
5470-5725 MHz
5725-5850 MHz
5925-6425 MHz
6526-6875 MHz

Forward Power Measurement Range:

2.4, 3.5, 4.9, 5.3, 5.4, and 5.8 GHz bands

0 to 20 dBm (no inline attenuator)
10 to 30 dBm (10 dB inline attenuator)
20 to 40 dBm (20 dB inline attenuator)
30 to 50 dBm (30 dB inline attenuator)

Upper & Lower 6 GHz bands

0 to 23 dBm (no inline attenuator)
10 to 33 dBm (10 dB inline attenuator)
20 to 43 dBm (20 dB inline attenuator)
30 to 53 dBm (30 dB inline attenuator)

Reflected Power Measurement Range:

2.4, 3.5, 4.9, 5.3, 5.4, and 5.8 GHz bands

-20 to 17 dBm (no inline attenuator)
-10 to 27 dBm (10 dB inline attenuator)
0 to 37 dBm (20 dB inline attenuator)
10 to 47 dBm (30 dB inline attenuator)

Upper & Lower 6 GHz bands

-17 to 20 dBm (no inline attenuator)
-7 to 30 dBm (10 dB inline attenuator)
3 to 40 dBm (20 dB inline attenuator)
13 to 50 dBm (30 dB inline attenuator)

Insertion Loss: 0.4 dB @ 2.4 GHz, 0.75 dB @ 5.8 GHz

VSWR Measurement Range:

2.4, 3.5, 4.9, 5.3, 5.4, and 5.8 GHz bands

1.2:1 to 6.0:1

Lower & Upper 6 GHz bands

1.5:1 to 6.0:1

Environmental Specifications

Temperature Range: -10 to 50° C

Humidity: 0 to 95% RH non-condensing

Altitude: 0 to 15,000'

Mechanical Specifications

RF Connectors: Type "N" female (input, output)

Display: 2 lines by 8 characters LCD
(not illuminated)

Keypad: Five keys

Enclosure: Black ABS

Power: 2 AA alkaline batteries (Auto shut-off)

Size: 4.9x2.7" (excluding N connectors)

Weight: 10 ounces

PM-6000