

t-meter

VSWR • POWER METER

PRAXSYM
PRACTICAL SYSTEMS ENGINEERING

www.vswrmeter.com

900 MHz / 2.4 / 5.3 / 5.4 / 5.8 GHz Broadband Wireless Power Meter

Measure

Forward and Reflected power and VSWR in license - exempt 900 MHz, 2.4, 5.3, 5.4 - 5.7, 5.8 GHz ISM and UNII frequency bands

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

**Wireless Service Provider
Optimized**

Included Accessories

Male to Male
Type-N Adapter



50Ω
Termination



2W 10 dB
Attenuator



PM-900

Electrical Specifications

Frequency Range	902 - 926 MHz 2.4 - 2.483 GHz 5.25 - 5.35 GHz 5.47 - 5.5975 GHz 5.5975 - 5.725 GHz 5.725 - 5.85 GHz
Forward Power Measurement Range	0 dBm to 20 dBm (no in-line attenuation) 10 dBm to 30 dBm (10 dB inline attenuator) 20 dBm to 40 dBm (20 dB inline attenuator) 30 dBm to 50 dBm (30 dB inline attenuator)
Reflected Power Measurement Range	-20 dBm to 17 dBm (no in-line attenuation) -10 dBm to 27 dBm (10 dB inline attenuator) 0 dBm to 37 dBm (20 dB inline attenuator) 10 dBm to 47 dBm (30 dB inline attenuator)
Power Measurement Accuracy	+/- 0.5 dBm (with a 1.2:1 LOAD)
Insertion Loss	0.2 dBm @ 914 MHz, 0.4 dBm @ 2.441 GHz 0.6 dBm @ 5.3 / 5.53 GHz, 0.7 dBm @ 5.787 GHz
VSWR Measurement Range	1.2:1 to 6.0:1 (All Ranges)

2.7 inches



Environmental Specifications

Temperature Range	-10 to 50 deg C
Humidity	0 to 95% RH non-condensing
Altitude	0 to 15,000 feet

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 Source	2 AA alkaline batteries (Power saving auto shut-off)
Size	4.9 x 2.7 inches (excluding N connectors)
Weight	10 ounces

4.9
inches



PM-900