

POWER METERS AND SENSORS

High-Performance Solutions for Measuring Peak and Average Power

EPM and EPM-P Series power meters

High-performance, programmable power meters for CW, average and peak power measurements

EPM Series — N1913A (1 channel) and N1914A (2 channels)

- Color LCD screen viewing and analysis
- Measurement speed up to 400 readings/sec; frequency range 9 kHz to 110 GHz; dynamic range -70 to $+44$ dBm (sensor dependent)
- Option 201 comes with front and rear USB ports, trigger in/out port, VGA port and front reference calibrator as a single package

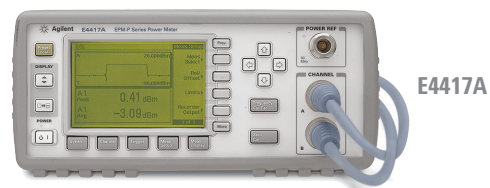
Price from (US): N1913A \$4,419 / N1914A \$6,955



EPM-P Series — E4416A (1 channel) and E4417A (2 channels)

- Provides peak, average, peak-to-average ratio and time-gated measurements (with E9320 peak and average power sensors)
- 20-Msample/s sampling rate; time-gated and free run power measurements; 8 predefined wireless formats
- 5-MHz video bandwidth

Price from (US): E4416A \$5,265 / E4417A \$8,274



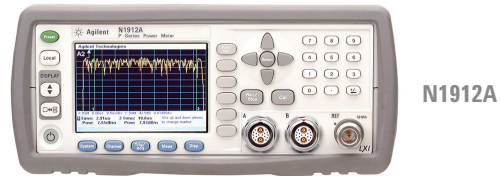
P-Series power meters

Accurate, fast and repeatable power measurements for R&D and manufacturing environments

P-Series — N1911A (1 channel) and N1912A (2 channels)

- Measures peak, average and time-gated power over -35 to $+20$ dBm up to 40 GHz using P-Series sensors
- 30-MHz video bandwidth
- 100 MSample/second sampling rate; easy internal calibration and zeroing
- 22 predefined wireless presets

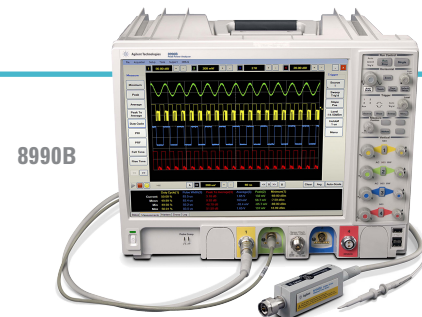
Price from (US): N1911A \$8,308 / N1912A \$11,681



8990B peak power analyzer

Use the 8990B peak power analyzer to capture shorter pulse measurements with high accuracy. It comes with two RF channels and two analog channels and measures the dynamic or time-dependent aspects of RF and microwave power. When combined with the N1923A/24A peak power sensors, the 8990B achieves a rise/fall time measurement of up to 5 nsecs.

Price from (US): \$32,416



Use these compatible sensors with your Agilent power meters

	Model number	Frequency range	N8480 Series sensors	P-Series sensors	E-Series E9320 sensors	E-Series E9300 sensors	E-Series CW sensors	8480D Series sensors	Standard interfaces
EPM-P Series	E4417A	9 kHz to 110 GHz	-35 to $+44$ dBm	NA	-65 to $+20$ dBm	-60 to $+44$ dBm	-70 to $+20$ dBm	-70 to -20 dBm	GPIO, RS-232
	E4416A			NA	-65 to $+20$ dBm				GPIO, RS-232
EPM Series	N1914A			NA	NA				GPIO, LAN, USB
	N1913A			NA	NA				GPIO, LAN, USB
P-Series	N1912A			-35 to $+20$ dBm	-65 to $+20$ dBm				GPIO, LAN, USB
	N1911A			-35 to $+20$ dBm	-65 to $+20$ dBm				GPIO, LAN, USB

E8486A E-band waveguide power sensors

- Frequency range: 60 to 90 GHz
- Incorporates a 50-MHz calibration port
- Fully compatible with Agilent EPM, EPM-P and P-Series

Price from (US): \$11,260



USB power sensors on Side 2



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V3500A handheld RF power meter

With its integrated power sensor and built-in LCD display, the V3500A eliminates the need to carry both an instrument and a separate sensor module. It comes with an internal power reference for self-calibration. With an absolute accuracy up to ± 0.21 dB, a wide frequency range of 10 MHz to 6 GHz, and a measurement range of -63 dBm to $+20$ dBm, the V3500A is suitable for a wide variety of RF measurement applications.

Price from (US): \$2,055

www.testequity.com/V3500A



USB Power Sensors

High performance, compact and lightweight

U2000 Series USB average power sensors

- 9 kHz to 40 GHz, -60 to $+44$ dBm dynamic range, up to 1,000 readings/second
- Built-in trigger function; Type-N or 3.5 mm connectors

Price from (US): \$3,025

U2020 X-Series USB average and peak power sensors

- 50 MHz to 40 GHz; -30 to $+20$ dBm (peak/gated), -45 to $+20$ dBm (average) dynamic range; up to 25,000 readings/second
- Built-in trigger in/out function eliminates the need for an external module or power supply
- 30 MHz video bandwidth

Price from (US): \$7,471

U8480 Series USB average thermocouple power sensors

- DC/10 MHz to **67 GHz (sensor dependent); NEW** -35 dBm to $+20$ dBm dynamic range; up to 900 readings/second (free run/fast buffer mode)
- Best-in-class power linearity of less than 0.8%

Price from (US): \$2,933

www.testequity.com/powersensors



AUDIO ANALYZERS

U8903A audio analyzer

Use the U8903A to measure and quantify analog and digital audio signals with a single box. A two-in-one digital audio interface card enables you to test analog and digital IC components, module designs, wireless devices and consumer electronics audio. The U8903A analyzer combines the functionality of a distortion meter, SINAD meter, frequency counter, AC voltmeter, DC voltmeter and FFT analyzer with a low-distortion audio source. Use it on your bench or in your test system.

Price from (US): \$13,352

www.testequity.com/U8903A



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