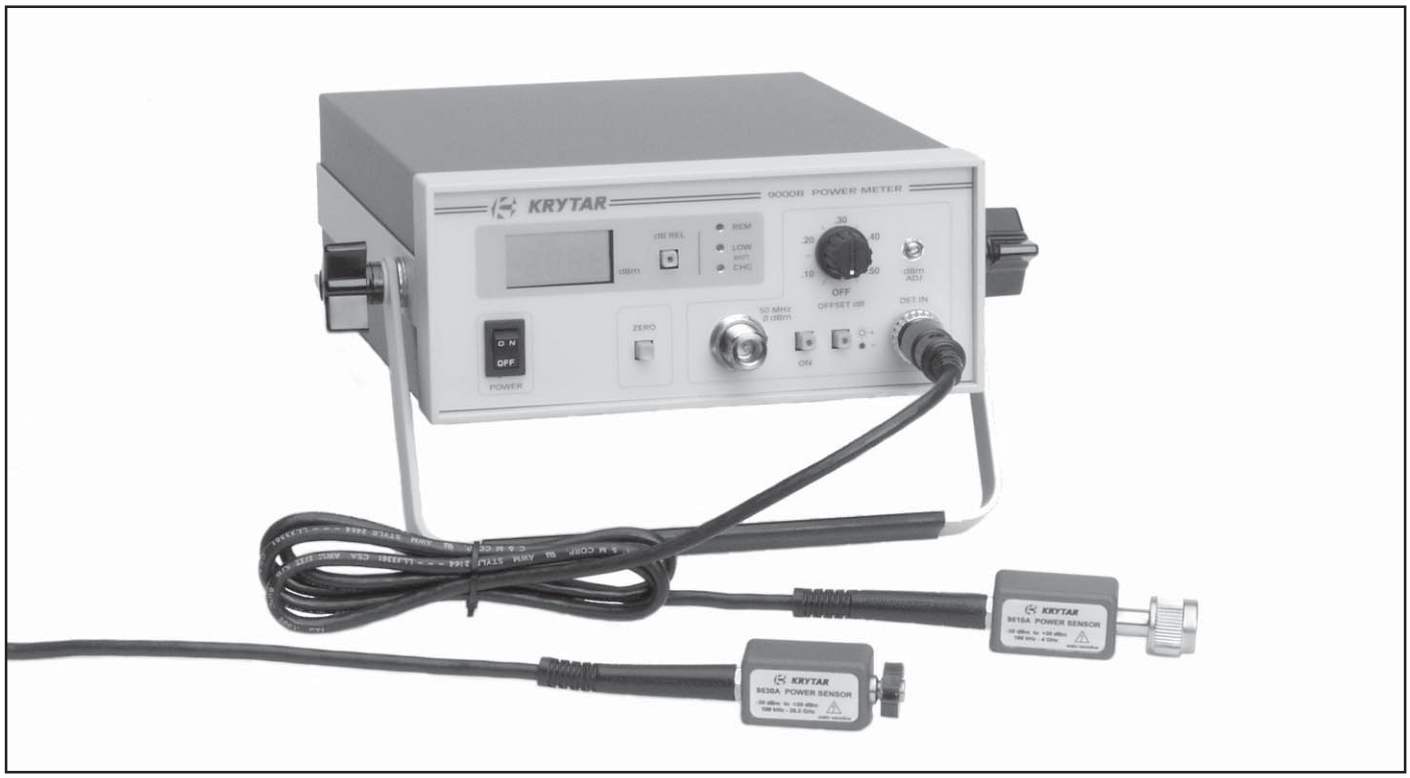
9000B POWER METER
WITH DIODE SENSOR
100 kHz to 40 GHz



The Krytar Model 9000B is a low cost, high performance CW power meter using a diode based power sensor. The power meter can measure power levels from -39 to +20 dBm and cover frequencies from 100 kHz to 40 GHz. With bench and field service applications in mind, the power meter was designed to be completely portable. The power meter can be used for swept measurement.

The power meter is designed to offer these features:

- Excellent measurement speed at all power levels
- Auto zero and dB Relative Mode
- Completely portable operating on internal rechargeable batteries that offer greater than 12 hours of operation and includes an internal fast battery charger
- Built in 50 MHz, 0 dBm reference oscillator
- V/dB output port for:
  - A) Swept scalar measurement system
  - B) Auxiliary display and bus readings when used with a DVM

CE
Certified

The 9000B power meter with a 9500A Series power sensor offers the user exceptional measurement speed and accuracy at an affordable price.

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SPECIFICATIONS

Model 9000B Power Meter

Frequency range	100 kHz to 40 GHz
Power range (CW power)	-30 to +20 dBm, usable to -39 dBm
Ranging	Auto-ranging, 2 ranges
Linearity	±0.05 dB @ 25º C ±0.1 dB, 10º to 40º C
Accuracy, power reference	50 MHz, 0 dBm ±0.05 @ 25º C (NIST traceable) ±0.1, 10º to 40º C
Sensor zero	Auto zero
Digital 3 3/4 Display	-39.99 to +39.99 dBm (0.01 dB steps) 3 readings/sec.
dB/Volts output port	0.1 Volts/dB, -4.0 to +4.0 V, 0.02 dB steps < 1 ms R/F time > 1 kHz 3 dB BW
Temperature: Operating Storage	 +10º to +40º C -20º to +70º C
Power requirement	115 VAC, ±10%, 10 W 230 VAC, ±5% optional +10 to +24 VDC, 500mA
Internal batteries and charger	> 12 hours of operation. Charging time approx. 4.5 hrs.
Dimensions	3 5/8” H x 8 5/16” W x 11 1/2” D
Weight	4.8 lbs.

OPTIONS

Opt. 002	RS-232 serial port
Opt. 003	IEEE-488 interface bus (not available with RS-232 option)
Opt. 101	Rack mount kit, single instrument
Opt. 102	Rack mount kit, dual instrument

ACCESSORIES

Opt. 501	Padded carrying case with accessory pouch
Opt. 502	Automobile 12V power adapter with cord