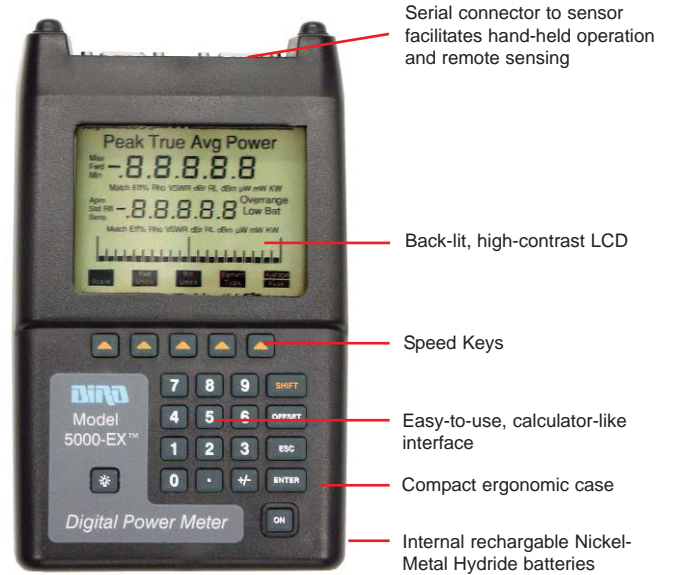




MODEL 5000-EX DIGITAL RF POWER METER

The Bird® Model 5000-EX RF Digital Power Meter
Brings versatility and robustness in RF power measurement to a new level.

- Hand-Held and Field Ready
- Easy-to-Use Digital Display
- Compatible with any modulation type
- Must be used with one of the following Bird® Power Sensor:
 - 5010B* - Directional Power Sensor
 - 5011 - Terminating Power Sensor
 - 5012 - Wideband Power Sensor



Fulfill all your Power Measurement needs with a single, inexpensive unit. With the variety of sensors available, the Model 500-EX can handle Cellular, PCS, AMPS, CDMA, GSM, TDMA, ISM, UMTS, 3G Wireless, WLL, Paging, Conventional/Trunking Radio, Aviation, Military, and Analog or Digital Television Broadcast. Model 5000-EX is also compatible with pulse modulation systems, such as radar and avionics applications (TACAN, DME), where peak power measurements are required.

SPECIFICATIONS

Display	Back-lit liquid crystal technology, 2.25" x 3.0" (57 x 76 mm). Three-way display consisting of major and minor digital display elements, analog bar graph element, annunciators, battery indicator and speed-key legends.
Measurement Mode	TRUE AVERAGE POWER, for measurement of conventional or digitally-modulated RF. PEAK POWER, for pulse, SSB, AM & avionics applications
Sensor Interface	9-pin D-shell RS-232 serial connector. Sensor is powered from meter. Sensor is compatible with Bird® VSWR Alarm products and Broadcast Power Monitor (BPM) product family.
PC Interface	9-pin RS-232 serial port for connection to a PC.
Dimensions	8.0" H x 4.63" W x 1.75" D (203 mm x 117.6 mm x 44.5 mm)
Weight	1.5 lbs., nominal (0.68 kg)
Power Supply	Rechargeable Nickel-Metal Hydride (NiMH) battery. Meter may be operated from AC mains using supplied adapter.
Battery Life	100 hours min. per charge.
Operating Temp.	-10°C to +50°C
Storage Temp.	-40°C to +75°C
Humidity Standard	95% max. (non-condensing) Instruction manual, serial communications cable (5010B), AC charger/adapter

ACCESSORIES

Model	Description
5012	Wideband Power Sensor
5010B*	Directional Power Sensor (DPS) Requires pair of DPM Elements
DPM-XX	DPM Elements, 2 MHz to 2.7 GHz
5011	Terminating Power Sensor (TPS), 40 MHz to 4
5A2238-1	Cigarette Lighter Adapter
5000-030	Soft Carrying Case
5000-035	Hard Carrying Case

Digital Power Meter Option

Directional Power Sensor (Model 5010B*)
NEW Terminating Power Sensor (Model 5011)
Wideband Power Sensor (Model 5012)

*5000-EX is compatible with the legacy 5010 directional power sensor



RF Measurement and Management in Your World

