

## Bird® Model 5000-EX RF Digital Power Meter

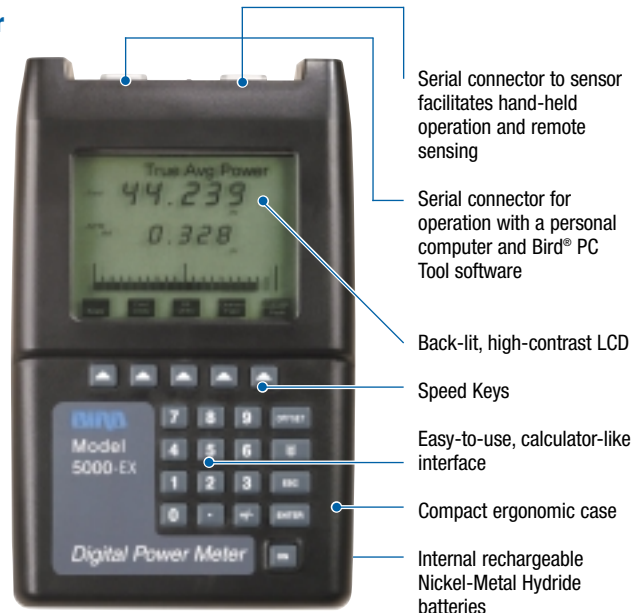
Requires Bird® Model 5010B, Model 5011 or Model 5012 Sensor

The "NEW" Industry Standard Hand-Held RF Power Meter  
Easy-To-Operate & Field Ready

- Hand-Held and Field Ready
- Easy-to-Use Digital Display
- Compatible with Digital and Analog Signals
- Must be used with a Bird® Power Sensor - Directional Power Sensor (see page 13), Terminating Power Sensor (see page 12), and the New Bird® Wideband Power Sensor (see page 11)

The "NEW" Industry Standard Hand-Held RF Power Meter Easy-To-Operate & Field Ready. The Model 5000-EX must be coupled with Model 5010B ThruLine® Power Sensor, Model 5011 Terminating Power Sensor or Model 5012 Wideband Power Sensor. Model 5000-EX handles Cellular, PCS, AMPS, CDMA, GSM, TDMA, ISM, UMTS, 3G Wireless, WLL, Paging, Conventional/Trunked Radio, Aviation, Military, and Analog or Digital and Television Broadcast.

Model 5000-EX is also compatible with pulse modulation systems, such as radar & avionics applications (TACAN, DME), where peak power measurements are required.



Model 5000-EX  
RF Digital Power Meter

### SPECIFICATIONS

<b>Display</b>	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.
<b>Measurement Mode</b>	TRUE AVERAGE POWER, for measurement of conventional or digitally-modulated RF. PEAK POWER, for pulse, SSB, AM & avionics applications
<b>Sensor Interface</b>	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.
<b>PC Interface</b>	9-pin RS-232 serial port for connection to a PC.
<b>Dimensions</b>	8.0" H x 4.63" W x 1.75" D (203 mm x 117.6 mm x 44.5 mm)
<b>Weight</b>	1.5 lbs., nominal (0.68 kg)
<b>Power Supply</b>	Rechargeable Nickel-Metal Hydride (NiMH) battery. Meter may be operated from AC mains using supplied adapter.
<b>Battery Life</b>	100 hours min. per charge.
<b>Operating Temp.</b>	-10°C to +50°C
<b>Storage Temp.</b>	-40°C to +75°C
<b>Humidity</b>	95% max. (non-condensing)
<b>Standard</b>	Instruction manual, serial communications cable (5010B), AC charger/adaptor



\* Note: 5010B supersedes 5010

### ACCESSORIES

Model	Description
<b>5012</b>	Wideband Power Sensor (See page 11)
<b>5010B*</b>	Directional Power Sensor (DPS) (See page 13) Requires pair of DPM Elements (See Element guide page 13)
<b>DPM-XX</b>	DPM Elements, 2 MHz to 2.7 GHz (See Element guide page 13)
<b>5011</b>	Terminating Power Sensor (TPS), (See page 12) 40 MHz to 4 GHz
<b>5A2238-1</b>	Cigarette Lighter Adapter
<b>5000-030</b>	Soft Carrying Case
<b>5000-035</b>	Hard Carrying Case

### Digital Power Meter Option

- Directional Power Sensor (Model 5010B\*)** (See page 13)
- NEW Terminating Power Sensor (Model 5011)** (See page 12)
- Wideband Power Sensor (Model 5012)** (See page 11)



Model 5010B\*  
Directional  
Power Sensor



Model 5012  
Wideband  
Power Sensor



Model 5011  
Terminating  
Power Sensor