

### BIRD® MODEL 5000 RF Digital Power Meter —

Requires Bird MODEL 5010 or MODEL 5011 Sensor

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

#### Versatility to Handle Any Job

The **Model 5000** must be coupled with **Model 5010** Thruline Power Sensor or a **Model 5011** Terminating Power Sensor. **Model 5000** handles Cellular, PCS, AMPS, CDMA, GSM, TDMA, ISM, UMTS, 3G Wireless, WLL, Paging, Conventional/Trunked Radio, Aviation, Military, and Analog or Digital Audio and Television Broadcast.

#### Readings Any Way You Need Them

The highly-visible, back-lit LCD screen displays power readings in digital format, while a 20-segment analog bar graph tracks measurements as well. Compatible with the Model 5010 Directional Power Sensor to display forward and reflected power as well as VSWR and Return Loss. Also compatible with the Model 5011 Terminating Power Sensor to measure power directly or via a coupled test port. This portable and rugged unit also provides 100 hours of battery life per charge.

*\*DPM elements are available.*



Model 5000  
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.
<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 x 117.6 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, minimum, per charge.
<b>Operating Temp.</b>	-10° to +50° C
<b>Storage Temp.</b>	-40° to +75° C
<b>Humidity Standard</b>	95% max. (non-condensing) Instruction manual, serial communications cable (5010), AC charger/adapter



#### OPTIONAL ACCESSORIES

Model	Description
<b>5010</b>	Directional Power Sensor (DPS) (See page 8) Requires pair of DPM Elements
<b>DPM-xx</b>	DPM Elements, 2 MHz to 2.7 GHz (See Element guide page 8)
<b>5011</b>	Terminating Power Sensor (TPS), (See page 9) 40 MHz to 4 GHz
<b>5A2238-8</b>	Cigarette Lighter Adapter
<b>5000-030</b>	Soft Carrying Case
<b>5000-035</b>	Hard Carrying Case



Model 5010  
Directional Power Sensor



Model 5011  
Terminating Power Sensor

#### Digital Power Meter Option

##### DIRECTIONAL POWER SENSOR (MODEL 5010) (See page 8)

The Model 5010 provides customers a TOTAL RF POWER MEASUREMENT SOLUTION for Thruline (In-line) Power Measurements with Accuracy of  $\pm 5\%$  of readings.

##### NEW TERMINATING POWER SENSOR (MODEL 5011) (See page 9)

The Model 5011 provides customers a TOTAL RF POWER MEASUREMENT SOLUTION to measure Base Station Power and/or Broadcast Transmitter Power with Accuracy of  $\pm 5\%$  of readings.