Hand-Held Digital Power Meter

Bird® Model 5000-XT

The hand-held digital power meter has been completely redesigned with the new Bird® 5000-XT. Ideally suited for field techs and engineers who need to make power measurements anywhere they go, the 5000-XT's new user interface has an intuitive, menu-driven design, making it the easiest to use on the market. It's operable even with one hand and compatible with all our field and legacy sensors.

PROBLEMS	SOLUTIONS
Poor lighting or bright light	Indoor/outdoor viewable mono-chrome VGA display with backlight
Lack of access to AC	Up to 60 hours of continuous use battery life
Physically demanding environments	Single key allows one-hand toggling through operations
	Locking mechanism prevents unintentional sensor disconnects
	Compliant with MIL spec drop test
	Lightweight at 1.4 lbs.
Varying field tech skill levels	Automatically detects sensor and displays appropriate power measurement screen
Need for power measurement comparison	Data logging capability with 1 GB of memory, storing and transfer of up to 7 days of data

APPLICATIONS

Signals measured: WiMAX, (IEEE 802.16), GSM/EDGE, W-CDMA, LTE, WiFi (802.11), HSUPA/HSDPA, TD-SCDMA, TETRA, P25, Zigbee (IEEE 802.15), Bluetooth, RFID, DVB, DMB and MediaFlo

Measurements performed: VSWR, peak power, true average power, crest factor, CCDF and burst power

Sensors supported: 11

Display languages: English, Spanish, or Mandarin Chinese

SPECIFICATIONS

Display	Indoor/Outdoor Viewable Monochrome VGA Display with Backlight
Functions (Sensor Limited)	VSWR Peak Power True Average Power Crest Factor CCDF Burst Power Data Logging
Sensor Detection	Automatic
Battery	Rechargeable, Field Replaceable, Lithium Ion Batteries
AC Adapter/Charger	115/230 VAC, 50/60 Hz
Battery Life	20 Hours Continuous Usage with WPS Series Sensors 60 Hours Continuous Usage with All Other Sensors
Calibration Interval	No calibration required
Languages	English, Mandarin, Spanish
Dimensions	6.6"x4.0"x1.95" (168 mm x 102 mm x 50 mm)
Interface Sensor	DB9
	USB 2.0 SeaLatch Type A
PC	USB 2.0 SeaLatch Type B
Weight with battery	1.4 lbs
Operating Temp.	0 to +50 °C
Storage Temp.	-20 to +50 °C
Drop Tested	EN 61010-1, MIL-STD-810F, MIL-PRF-28800F, Class 2
International Certs.	CE, RoHS

ACCESSORIES

5A5001-1	Battery, Installed
5A5002-1	Power Supply, Includes Brick, cord, 3 Intl Adaptors
5A2238-4	Cigarette adaptor
5A2653-10L2	USB SeaLatch Cable, 10'
5A2264-09-MF-10	DB9 Cable, 10'
920-5000-XT	Operations Manual , Multilanguage
5A5000-1	Soft Case
5A5000-2	Lanyard
5A5000-3	Carabiner

COMPATIBLE SENSORS

5010	Direction Power Sensor, Legacy
5010B	Direction Power Sensor, DB9
5011	Terminating Power Sensor, 4 GHz, DB9
5011-EF	Terminating Power Sensor, 12 GHz, DB9
5012	Wideband Power Sensor, Legacy
5012A	Wideband Power Sensor
5014	Direction Power Sensor, USB
5015	Terminating Power Sensor, 4GHz, USB
5015-EF	Terminating Power Sensor,12GHz, USB
5016	Wideband Power Sensor, Low Power Version
5017	Wideband Power Sensor, Low Frequency Version

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