



AT-800 Antenna Tester 806 - 960 MHz

- Battery powered for portable operation anywhere
- Measures VSWR, Return Loss, Match Efficiency or Reflection Coefficient
- EIA-232 port interfaces to a PC with optional cable and software
- Up to 12 measurements can be stored in non-volatile memory



The Bird AT-Series Antenna Testers provide a cost-effective, fast, graphical way of determining the quality of mobile and base station antennas. The unit can display single frequency or swept readings scaled in either VSWR, return loss or match efficiency and can save up to 12 traces for comparison or later archiving with an optional cable and PC software package.

Product Specifications:

Field Strength:	0 to 100% (relative) sensitivity for full-scale deflection: 3m @ 12.6 W ERP
Frequency Accuracy:	± 100 kHz
Frequency Range:	806-960 MHz
Frequency Resolution:	30 kHz
Interface Port:	Serial (female DB-9 connector)
Measurement Range:	VSWR: 1.00-99.99, Match Efficiency: 0.0 to 100.0%, Return Loss: 0.0 to -32.0 dB
Measurement Speed:	Single Frequency: 5 readings/second, Swept Frequency: 1 sweep/second
Operating Temp.:	0°C to 50°C (32°F to 122°F)
Power Requirements:	Batteries: 6 rechargeable AA (KR-15/51). External DC: 11-16 Vdc. External AC Adapter: 108-132 VAC @ 57-63 Hz, or 207-253 VAC @ 48-52 Hz
Preprogrammed Bands:	AMPS, NADC, GSM, PDC, CT2
Size:	8" H x 4 5/8" W x 1 3/4" D (205 x 118 x 42 mm)
Storage Temperature:	-41°C to 71°C (-40°F to 160°F)
Test Port:	Impedance: 50 ohms, nominal. Connector TNC (F)
Weight:	1 3/4 lbs. (0.8 kg)