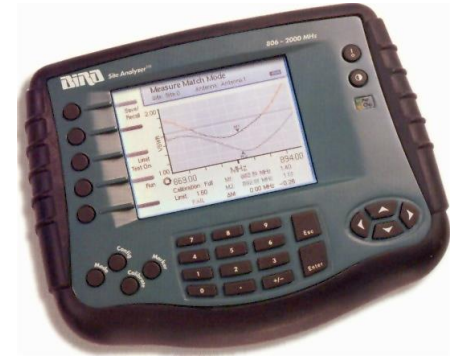


Bird Site Analyzer



Antenna tests, transmission lines and RF power measurements.

The SA-6000EX Site Analyzer is Bird's user-friendly test solution for installing, maintaining, and troubleshooting all of your antenna and cable systems, from Low-Band VHF through Microwave. Field engineers and technicians rely on this rugged, handheld tool to get the job done. Wireless equipment manufacturers, service providers, and contractors worldwide approve of the analyzer's precision VSWR and Return Loss results.



- Easy operation.
- Suitable for use in Worldwide Cellular and PCS/DCS systems; supporting measurement of CDMA, GSM, TDMA and AMPS modulation schemes
- Other applications include 3G, Broadcast, Government, Tactical Military, Microwave, Paging, Public Safety, Trucking, WLAN and WLL, and TETRA. See model matrix below
- Color display is clearly visible in direct sunlight
- With a single download you can view data as Distance to Fault or Measurement Match- **no need to store two traces.**
- FDR (Frequency Domain Reflectometry) measurement method results in a highly reliable assessment of the health of critical components in your system; ultimately providing a "heads-up" before a failure occurs
- Fault location or DTF mode indicates VSWR or Return Loss levels at each point along the cable and antenna system length
- Cable Loss function measures insertion loss of the cable system over a given frequency range
- The SA-6000EX can be used for WIMAX (IEEE 802.16) up to 5.8 GHz.
- Allows the use of power sensors 5012A, 5016, 5017, 5018, 5019, 7020 e 5014.

Includes a Digital Power Meter option to accurately measure the output power of your base station. Wideband Power Sensors are available from Bird up to 4 GHz for use with this option, and are listed with the Accessories below.

Model	SA-6000EX	SA-3600XT
Frequency Range	25 - 6000 MHz	25 - 3600 MHz
Upgradeable	No	Yes, for SA-6000EX
Power measurement option	Yes	Yes
Return Loss	0 a -60 dB	
RF Connector	N F	
Impedance	50 Ohms	
Speed	1 multi-frequency scan - 238 points/2 seconds; 475 points/3,5 seconds; 949 points /6 seconds	
Trace Resolution	238 (default), 475 or 949 points per trace	
Setup Storage Capacity	15 Setups, 500 traces of 238 points	
Interference Rejection	Rejects on-frequency signals up to +13 dBm	
Maximum input level	22 dBm	
Data transfer	USB	
Internal battery	Rechargeable Lithium-Ion batteries, 3 hour minimum operating time. Auto shut-off conserves battery life.	
External DC Voltage	9 a 16 Vdc, with fuse, <3A	
External AC Voltage	90 to 264 Vac, 44 a 66Hz (AC/DC Adaptor)	
Operation temperature	-10°C to 50°C	
Storage temperature	-40°C to 80°C	
Humidity	Max 95% ± 5% non-condensing	
Altitude	Up to 4570m	
Dimensions	265x212x83mm	
Weight	2,5kg	
Part #	33128	52293