Bird Technologies®

Site Analyzer XT Series

SA-3600XT, SA-6000XT

▸ One unit covers the entire 25-6000 MHz range!

▸ Easy to operate and field ready for first-time, occasional and experienced users.

▸ Other applications include 3G, Broadcast, Government, Tactical Military, Microwave, Paging, Public Safety, Trunking, WLAN andWLL, and TETRA.

▸ 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.

▸ USB communication ports for connection to PC, field sensors and storage devices.

APPLICATIONS

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, Trunking, WLAN and WLL, and TETRA.

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SPECIFICATIONS

Frequency Range	SA-3600XT	25-3600 MHz
	SA-6000XT	25-6000 MHz
Frequency Resolution	SA-3600XT	25 kHz; 25-800 MHz, 50 kHz; 800-2500 MHz, 150 kHz; 2500-3600 MHz
	SA-6000XT	25 kHz; 25-800 MHz, 50 kHz; 800-2500 MHz, 150 kHz; 2500-6000 MHz
Power Measurement	SA-3600XT	Yes
	SA-6000XT	Yes
Return Loss		0 to -60 dB
Test Port		N-type female connector
Impedance		50 ohms
Speed		1 multi-frequency scan (238 points)/2 seconds 1 multi-frequency scan (475 points)/3.5 seconds 1 multi-frequency scan (949 points)/6 seconds
Trace Resolution		238 (default), 475, or 949 per trace
Storage Capacity		Thousands of setups and traces
Immunity to Interfering Signals		Rejects on-frequency signals up to +13 dBm
Maximum Input Signal		+22 dBm
Data Transfer		Sensor: USB 2.0 Type A PC: USB 2.0 Type B
Internal Time		Rechargeable lithium-Ion batteries. 5-hour minimum operating time. Auto shut-off conserves battery life
External DC		9-15 VDC fused, <3 A
External AC		100 to 240 VAC @ 50-60 Hz; AC/DC adapter required
Operating Temperature		-10° to +50° C (+14° to +122° F)
Storage Temperature		-40° to +80° C (-40° to +176° F)
Battery Charging Temperature		0° to + 35° C (32° to 95° F)
Humidity		95% ± 5% max., (non-condensing)
Altitude		Up to 15,000 feet (4572 m)
Dimensions		10.5" x 8.4" x 3.3" (265 x 212 x 83 mm)
Weight		5.5 lbs. (2,5 kg)
Upgradeable		Yes, SA-3600XT maybe upgrade to SA-6000XT

STANDARD ACCESSORIES

AC Adapter (15 Vdc Output)	5B2229-1224G-1
Automobile Cigarette Lighter Adapter	5A2238-2
Soft Carrying Case	7002A850
USB Interface Cable	5A2653-10
PC Interface Software Kit	7002A840
Instruction Manual	920-SA-XT
Internal Battery Pack, with 4-pin Connector	5C2431-2

OPTIONAL ACCESSORIES

CAL-MN-C	Calibration Combo, (M) N
CAL-FN-C	Calibration Combo, (F) N
CAL-ME-C	Calibration Combo, (M) 7/16 DIN
CAL-FE-C	Calibration Combo, (F) 7/16 DIN
5012D	Wideband Power Sensor 350 MHz -4000 MHz
5014	Directional Power Sensor 2 - 2700 MHz
5015	Terminating Power Sensor 40 MHz - 4000 MHz
5015EF	Terminating Power Sensor 40 MHz - 12 GHz
5016D	Wideband Power Sensor 350 MHz - 4000 MHz
5017D	Wideband Power Sensor 25 MHz - 1000 MHz
5018D	Wideband Power Sensor 150 MHz - 4000 MHz
5019D	Wideband Power Sensor 25 MHz - 1000 MHz
7020-1-0101	Power Sensor 350 MHz - 4000 MHz
TC-MNMN-1.5	Test Cable, 1.5 m., N (M) conn.
TC-MNMN-3.0	Test Cable, 3 m., N (M) conn.
TC-MNFN-1.5	Test Cable, 1.5 m., N (M)/N (F) conn.
TC-MNFN-3.0	Test Cable, 3 m., N (M)/N (F) conn.
TC-MNME-1.5	Test Cable, 1.5 m., N (M) - 7/16 DIN (M)
TC-MNME-3.0	Test Cable, 3 m., N (M) - 7/16 DIN (M)
TC-MNFE-1.5	Test Cable, 1.5 m., N (M) - 7/16 DIN (F) conn.
TC-MNFE-3.0	Test Cable, 3 m., N (M) - 7/16 DIN (F) conn.
PA-MNME	Adapter, N (M) to 7/16 DIN (M)
PA-FNME	Adapter, N (F) to 7/16 DIN (M)
PA-MNFE	Adapter, N (M) to 7/16 DIN (F)
PA-FNFE	Adapter, N (F) to 7/16 DIN (F)
4240-550	Precision Connector Adapter Kit, 7/16 DIN, SA -Series
7002C870	Hard Shell Transit Case
SA-BATPAK-1	External Battery Pack
RPK5C2431-2	Battery, Spare

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