

Quick Fact Sheet

Site Master™ S33xE and S36xE



S331E	S332E	S361E	S362E	
2 MHz to 4 GHz	2 MHz to 4 GHz 9 kHz to 4 GHz	2 MHz to 6 GHz	2 MHz to 6 GHz 9 kHz to 6 GHz	Cable & Antenna Analyzer Spectrum Analyzer

Compact Handheld Cable and Antenna Analyzer with Spectrum Analyzer

Everything you need to meet the challenges of today and tomorrow in a sleek, compact instrument that's less than 6 lbs.

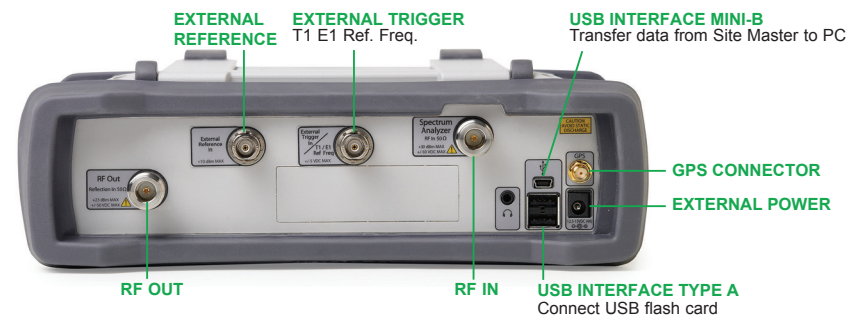
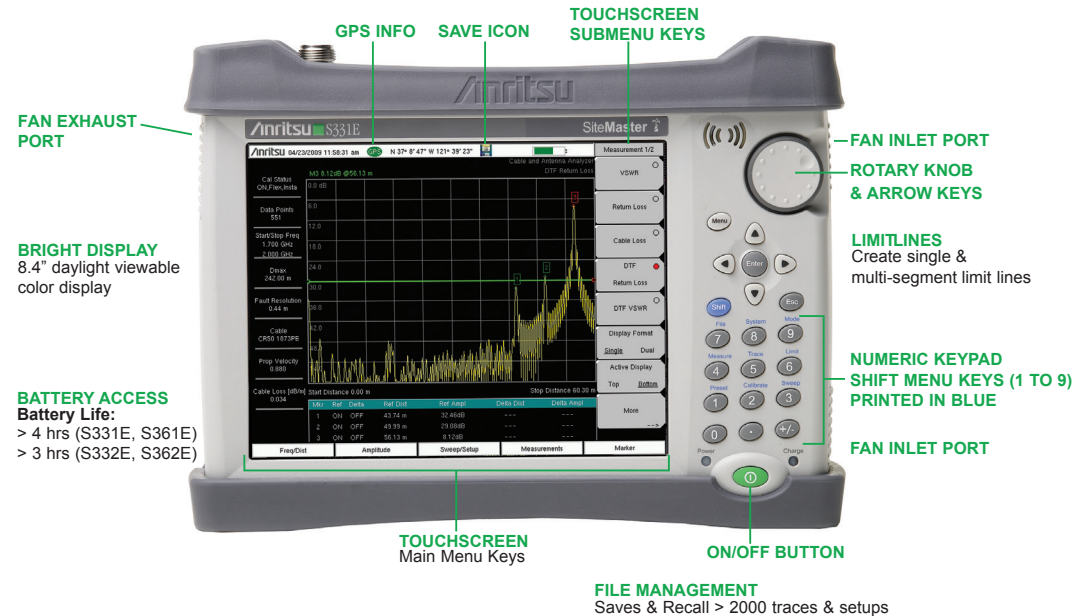
The Site Master series is the preferred cable and antenna analyzer of wireless service providers, contractors, and installers. It is the most integrated cable and antenna analyzer in the world.

Cable and Antenna Analyzer Key Features

- > Measurements: Return Loss, VSWR, Cable Loss, Distance-To-Fault, 1-port Phase, Smith Chart
- > 2-port Transmission Measurement: High/Low Power
- > Sweep Speed: 1 msec/data point, typical
- > Display: Single or Dual Measurement Touchscreen
- > Calibration: OSL, InstaCal, and FlexCal
- > Bias Tee: 32 V internal

Spectrum and Interference Analyzer Key Features

- > Measurements: Occupied Bandwidth, Channel Power, ACPR, C/I, Spectral Emission Mask
- > Interference Analyzer: Spectrogram, Signal Strength, RSSI, Signal ID, Interference Mapping
- > Coverage Mapping
- > Channel Scanner
- > AM/FM/PM Analysis
- > Dynamic Range: > 95 dB in 10 Hz RBW
- > DANL: -152 dBm in 10 Hz RBW
- > Phase Noise: -100 dBc/Hz max @ 10 kHz offset at 1 GHz
- > Frequency Accuracy: < ± 50 ppb with GPS On



All connections are conveniently located on the top panel, leaving the sides clear for handheld use.



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Key Specifications

Cable & Antenna Analyzer	
Frequency	2 MHz to 4 GHz (S331E, S332E), 2 MHz to 6 GHz (S361E, S362E)
Sweep Time	Minimum 100 ms, 7 μs to 3600 s in zero span
Directivity	> 42 dB, OSL Calibration, > 38 dB, InstaCal™ Calibration
Dynamic Range	> 95 dB (2.4 GHz), 2/3 (TOI-DANL) in 10 Hz RBW
Spectrum Analyzer	
Frequency	9 kHz to 4 GHz (S332E), 9 kHz to 6 GHz (S362E) (usable to 0 Hz)
DANL	-152 dBm in 10 Hz RBW
Phase Noise	-100 dBc/Hz max @ 10 kHz offset at 1 GHz
General	
Internal Trace	2,000 traces, 2,000 Setups
External Trace	Limited by size of USB Flash drive
Connectivity	USB cable, USB Memory Stick
Display	Resistive Touchscreen, 8.4" daylight viewable color LCD, 800 x 600, No more than five defective pixels (99.9989% good pixels)
Temperature	Operating Temperature -10 °C to 55 °C
Battery	Li-Ion, 4.5 hours, typical (S331E, S361E), 3.5 hours, typical (S332E, S362E)
Dimensions	273 mm x 199 mm x 91 mm, (10.7 in x 7.8 in x 3.6 in)
Weight	2.71 kg, (6.0 lbs), (S331E, S361E), 3.71 kg, (8.2 lbs), (S332E, S362E)

Options

Option Number	Description
Option 0021	2-Port Transmission Measurement
Option 0010	Bias Tee (requires Option 21 for S331E/S361E)
Option 0031	GPS Receiver (requires Antenna)
Option 0019	High-Accuracy Power Meter (requires External Power Sensor)
Option 0029*	Power Meter
Option 0025*	Interference Analysis (recommended option 31)
Option 0027*	Channel Scanner
Option 0431*	Coverage Mapping (requires Option 31)
Option 0090*	Gated Sweep
Option 0028*	C/W Signal Generator (requires external CW Signal Generator Kit, P/N 69793)
Option 0509*	AM/FM/PM Analyzer with Coverage Mapping
Option 0413	Ethernet Connectivity
Option 0444*	EMF Measurements (requires Anritsu Isotropic Antenna)
Option 0752	CPRI LTE RF Measurements (requires Option 759)
Option 0753	OBSal LTE RF Measurements (requires Option 759)
Option 0759	RF Over Fiber hardware (requires Option 752 or 753)
Option 0098	Standard Calibration to ISO17025 and ANSI/NCSL Z540-1. Includes calibration certificate.
Option 0099	Premium Calibration to ISO17025 and ANSI/NCSL Z540-1. Includes calibration certificate, test report, and uncertainty data.

*Available in the S332E and S362E Only

Standard Accessories

Part Number	Description
2000-1654-R	Soft Carrying Case
2000-1691-R	Stylus with Coiled Tether
2000-1797-R	Screen Protector Film, 8.4 inch (2, one installed)
633-75	Rechargeable Li-Ion Battery
40-187-R	AC-DC Power Supply
806-141-R	Automotive Power Adapter, 12 VDC, 60 W
3-2000-1498	USB A/5-pin mini-B Cable, 10 ft/305 cm
	Standard three-year warranty, one-year warranty on battery

Optional Accessories

Calibration Components, 50 Ω
Calibration Components, 75 Ω
Adapters

Phase-Stable Test Port Cables, Armored w/ Reinforced Grip
InterChangeable Adaptor Phase Stable Test Port Cables, Armored w/Reinforced Grip
Phase-Stable Test Port Cables, Armored

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