Quick Fact Sheet
Site Master™ S33xE and S36xE

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.
Site Master™ is the preferred Cable and Antenna Analyzer of wireless service providers, contractors and installers. It is the fastest, lightest, most reliable, and 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
> 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

S331E
2 MHz to 4 GHz
100 kHz to 4 GHz
Cable & Antenna Analyzer
S332E
2 MHz to 4 GHz
S3631E
2 MHz to 6 GHz
S362E
2 MHz to 6 GHz
S3631E
100 kHz to 6 GHz
Spectrum Analyzer
## Key Specifications

### Cable & Antenna Analyzer
- **Frequency**: 2 MHz to 4 GHz (S331E, S332E), 2 MHz to 6 GHz (S361E, S362E)
- **Sweep Time**: 1 msec/data point, typical
- **Directivity**: > 42 dB, OSL Calibration, > 38 dB, InstaCal™ Calibration
- **Dynamic Range**: > 95 dB in 10 Hz RBW

### Spectrum Analyzer
- **Frequency**: 100 kHz to 4 GHz (S332E), 100 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**: Ethernet, USB cable, USB Memory Stick, and RS-232 Serial Null Modem cable
- **Display**: Resistive Touchscreen, 8.4" daylight viewable color LCD, resolution 800 x 600
- **Battery**: Li-Ion, 4.0 hours, typical (S331E, S361E), 3.0 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 0419*: PIM Analyzer (requires PIM Master)
  - Option 0021: 2-Port Transmission Measurement
  - Option 0010: Bias-Tee (requires Option 0021 for S331E/S361E)
  - Option 0031: GPS Receiver (requires Antenna P/N 2000-1528-R)
  - Option 0019: High Accuracy Power Meter (requires External Power Sensor)
  - Option 0029*: Power Meter
  - Option 0025*: Interference Analysis (Option 0031 recommended)
  - Option 0027*: Channel Scanner
  - Option 0431*: Coverage Mapping (requires Option 0031)
  - Option 0090*: Gated Sweep
  - Option 0028*: C/W Signal Generator (requires C/W Signal Generator Kit, P/N 69793)
  - Option 0509*: AM/FM/PM Analyzer
  - Option 0411: Ethernet Connectivity
  - Option 0098: Standard Calibration (ANSI 2540-1-1994)
  - Option 0099: Premium Calibration to Z540 plus test data

*Available in the S332E and S362E Only

## Standard Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10920-00060</td>
<td>Handheld Instruments Documentation Disc</td>
</tr>
<tr>
<td>10580-00252</td>
<td>Site Master User Guide</td>
</tr>
<tr>
<td>3-68736</td>
<td>Soft Carrying Case</td>
</tr>
<tr>
<td>2300-498</td>
<td>Master Software Tools (MST) CD Disc</td>
</tr>
<tr>
<td>2300-530</td>
<td>Anritsu Tool Box with Line Sweep Tools (LST) DVD Disc</td>
</tr>
<tr>
<td>40-168-R</td>
<td>AC-DC Adapter</td>
</tr>
<tr>
<td>806-141-R</td>
<td>Automotive Cigarette Lighter 12 VDC Adapter</td>
</tr>
<tr>
<td>3-2000-1498</td>
<td>USB A/5-pin mini-B Cable, 10 feet/305 cm</td>
</tr>
<tr>
<td>11410-00484</td>
<td>Site Master S331E/32E/61E/62E Technical Data Sheet</td>
</tr>
</tbody>
</table>

Optional Accessories

<table>
<thead>
<tr>
<th>Calibration Components, 50 Ω</th>
<th>Phase-Stable Test Port Cables, Armored w/ Reinforced Grip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibration Components, 75 Ω</td>
<td>InterChangeable Adaptor Phase Stable Test Port Cables, Armored w/Reinforced Grip</td>
</tr>
<tr>
<td>Adapters</td>
<td>Phase-Stable Test Port Cables, Armored</td>
</tr>
</tbody>
</table>

### Pricing, Ordering, Training, Support

**www.anritsu.com or 1-800-267-4878**