

## Quick Fact Sheet

# Site Master™ S331P

## Ultraportable Cable & Antenna Analyzer

### 150 kHz to 4 / 6 GHz



### The most trusted, reliable, and preferred cable and antenna analyzer

The S331P is the lightest, smallest and fastest Site Master ever. Addressing the market need for broad frequency coverage and high performance in an extremely compact and economical design, the S331P provides wireless operators and contractors, DAS installers, and public safety network installers and maintenance professionals with the first pocket-sized headless cable and antenna analyzer that can measure the new LTE-U frequencies.

### Optimized for field use

- Smallest, lightest, fastest Site Master™
- Direct connection to DUTs eliminating the need for phase stable cables
- Powered through USB (no battery required)
- FlexCal™ Calibration
  - One calibration for all frequencies
- Rugged and reliable
- Impact, dust and splash resistant
- Compatible with Anritsu software tools including easyTest and SkyBridge Tools

### Easy to use

- Same familiar user interface as the S331L
- Integrated Help function
- S331D-like Classic Mode
- S331E-like Advanced Mode
  - Additional markers
  - Customizable shortcuts
  - Full-screen view

### Efficient sweep management

- Store multiple file formats
  - Sweeps, setups, screenshots
- Fast preview of stored sweeps
- Line Sweep Tools (LST) Software
  - Edit sweeps, rename, archive
  - Generate PDF or HTML reports
- Standard \*.dat sweep file format
- Compatible with HHST
  - Widely accepted by operators
- Compatible with easyTest Tools and SkyBridge Tools
  - Reliable and quick creation of test plans
  - Fast and accurate testing
  - Fast and easy report creation



TEST PORT CONNECTOR  
N(M)



FRONT



BACK



STATUS  
LED

NOT  
USED

MICRO USB CONNECTOR  
WITH LATCH



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## Ultraportable Cable & Antenna Analyzer

### 150 kHz to 4 / 6 GHz

#### Key Specifications

Cable & Antenna Analyzer	
Frequency Range	150 kHz to 4 /6 GHz
Frequency Accuracy	≤ ± 2.5 ppm @ 23 °C ± 3 °C
Frequency Resolution	1 kHz
Output Power	-5 dBm, typical
Interference Immunity	17 dBm, typical
Measurement Speed	≤ 500 μs/data point, typical

#### General

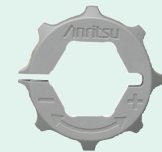
Measurements	Return Loss VSWR Cable Loss Distance-to-Fault RL Distance-to-Fault VSWR Smith Chart 50 Ω/75 Ω (Advanced Mode Only) 1-Port Phase (Advanced Mode Only)
External Trace Storage	Limited only by size of Controller Memory
Connectivity	USB 2.0 port for connecting to an external PC controller
Temperature	Operating Temperature -10 °C to +55 °C
Dimensions	52 mm x 148 mm 36 mm (2 in x 5.8 in x 1.4 in)
Weight	< 0.4 kg (< 0.9 lb), typical

#### Standard Accessories (included with instrument)

Part Number	Description
2000-1676-R	Soft Carrying Case
2000-1687-R	Torque Multiplier N(m)
2000-1606-R	USB-A to Micro-B with latch cable, 1.8 m (6 ft)
2300-578-R	USB memory device with the S331P Site Master application and user documentation
	Three Year Warranty Certificate of Calibration and Conformance

#### Recommended Spare Accessories (not included)

Part Number	Description
2000-1606-R	Replacement USB-A to Micro-B with latch cable, 1.8 m (6 ft)
2000-1687-R	Replacement Torque Multiplier N(m)



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