

RF & Microwave Handheld Analyzers Solutions

Models		Cable and Antenna Analyzers				Base Station	
		Site Master™				LMR Master™	Cell Mast
Options (See Specifications for a complete list of measurements)	Option Numbers	Value	Compact		High Performance	Compact	
		S331L	S331E S361E	S332E S362E	S820E	S412E	MT8212 MT8213
		Cable & Antenna Analyzer					
Frequency Range		2 MHz to 4 GHz	2 MHz to 4 / 6 GHz	2 MHz to 4 / 6 GHz	1 MHz to 40 GHz see Frequency Opt.	500 kHz to 1.6 GHz see Frequency Opt.	2 MHz to 4 / 6 GHz
1-port Measurements		Standard	Standard	Standard	Standard	Standard	Standard
2-port 1-path Measurements					Standard	Standard	Standard
2-port Transmission Measurement	0021		*	*	Standard	Standard	*
2-port Swept Cable Loss Measurement (external USB sensor required)					Standard		
Spectrum Analyzer							
Frequency Range				9 kHz to 4 / 6 GHz		9 kHz to 1.6 GHz see Frequency Opt.	9 kHz to 4 / 6 GHz
Internal Atomic Clock	0001						
Preamplifier	0008			Standard		Standard	Standard
Interference Analyzer / Channel Scanner	0025 / 0027			*		*	*
Coverage Mapping / AM/FM/PM Measurements	0431 / 0509			*		*	*
Gated Sweep	0090			*		*	*
Zero Span / IF Output/IQ Waveform Capture	0089 / 0024					I/Q only Standard	
Vector Network Analyzer							
Frequency Range						500 kHz to 1.6 GHz see Frequency Opt.	
S-Parameters						S ₁₁ , S ₂₁	
Vector Voltmeter	0015					*	
Time Domain and Distance Domain	0002						
Distance Domain only	0501						
Balanced/Differential S-Parameters, 1-port	0077					*	
Frequency Options							
6 GHz (for Spectrum Analyzer Mode)	0006					*	
6 GHz (for Cable and Antenna and VNA Analyzer Mode)	0016					*	
8 GHz	0708				*		
9 GHz	0709				*		
13 GHz	0713				*		
14 GHz	0714				*		
20 GHz	0720				*		
30 GHz	0730				*		
32 GHz	0732				*		
40 GHz	0740				*		
43 GHz	0743				*		
Signal Generators							
Tracking Generator (TG) 3, 4, or 6 GHz	0020						
Tracking Generator (TG) 9 GHz	0809						
Tracking Generator (TG) 13 GHz	0813						
Tracking Generator (TG) 20 GHz	0820						
CW Generator	0028			*		Standard	*
Vector Signal Generator (VSG)	0023						
Power Meters							
Power Meter	0029				*	Standard	Standard
High Accuracy Power Meter Support (requires USB power sensor)	0019				Standard	*	*
Wireless Signal Measurements							
	RF	Mod.	OTA	ALL			RF, MOD, OTA
Demodulation Hardware							Standard
GSM/GPRS/EDGE Measurements	0040	0041		0880			*
W-CDMA/HSPA+ Measurements	0044	0065	0035	0881			*
TD-SCDMA/HSPA+ Measurements	0060	0061	0038	0882			*
LTE Measurements	0541	0542	0546				*
TD-LTE Measurements	0551	0552	0556	0883			*
CDMA2000 1X Measurements	0042	0043	0033				*
CDMA2000 1xEV-DO Measurements	0062	0063	0034	0884			*
Fixed WiMAX Measurements	0046	0047					*
Mobile WiMAX Measurements	0066	0067	0037	0885			*
Digital TV Signal Measurements							
	Analyzer	SFN	BER				
DVB-T/H Measurements	0064	0078	0057				*
ISDB-T Measurements	0030	0032	0079				*
Land Mobile Radio Measurements							
	Analyzer	Coverage					
NBFM Measurements							Standard
P25 and P25 Phase 2 Measurements	0521	0522					*
NXDN Measurements	0531	0532					*
DMR2 Measurements	0591	0592					*
PTC Measurements	0721	0722					*
TETRA Measurements	0581	0582					*
Backhaul Analyzer Measurements							
	T1	E1	T3/T1				
T1, E1, T3/T1 (Mutually Exclusive)	0051	0052	0053				*
General Options							
GPS Receiver	0031		2000-1723-R	*	*	2000-1723-R	*
Bias Tee (built-in)	0010			*	*		*
Secure Data Operation	0007						*
Ethernet Connectivity	0411			*	*	Standard	
K Test Port Connectors	0011					Standard ≥ 20 GHz	
Standard / Premium Calibration	0098 / 0099			*	*	*	*

SEARCH CATALOG

Base Station Analyzers

(BTS Master and Cell Master)

Cable and Antenna Analyzers

(Site Master and Broadband Site Master)

Handheld Spectrum Analyzers

Handheld VNA Master
(Vector Network Analyzers)

InterferenceHunter

Land Mobile Radio

(Handheld LMR Master)

Passive Intermodulation

Analyzer (PIM Master)

Power Meters and Power

Sensors

Precision RF & Microwave

Components

Service and Replacement Parts

(Top Parts Ordered)

Configure Your Own

S332E

Starting at \$ 11,450.00

Site Master Compact Handheld Cable & Antenna Analyzer 2 MHz to 4 GHz, Spectrum Analyzer 100 kHz to 4



To keep up in today's rapidly evolving wireless communications market, you need tools that enable you to efficiently maintain legacy networks in addition to the new 3G and 4G networks now being installed. And with rate of market expansion, you're being required to service more base stations than ever before.

Site Master S332E Systems include:

- **Users Guide (10580-00252)**
- **Soft Carrying Case (P/N 3-68736)**
- **Master Software Tools (P/N 2300-498)**
- **Rechargeable Battery, Li-Ion Battery (P/N 633-44)**
- **AC-DC Adapter (P/N: 40-168-R)**
- **Automotive Cigarette Lighter/12 Volts DC adapter (P/N: 806-141-R)**
- **USB A/5-pin mini-B Cable, 10 feet/305 cm (P/N 3-2000-1498)**
- **Three Year Warranty**
- **Certificate of Calibration and Conformance**

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S332E

Site Master Compact Handheld Cable & Antenna Analyzer 2 MHz to 4 GHz, Spectrum Analyzer 100 kHz to 4

Site Master™ Cable & Antenna Analyzer + Spectrum Analyzer S332E

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PC Tools
Handheld RF Instruments

- Firmware/Software Updates
- Line Sweep Tools for DAT file users for HHST users.
- Other tools
easyTest, Map Master, MST

Protect your valuable instruments from too much RF power

Features

- Cable and Antenna Analyzer: 2 MHz – 4 GHz
- Return Loss, Cable Loss, VSWR, Distance-To-Fault
- Phase, 2-port Transmission Measurements
- Spectrum Analyzer: 9 kHz – 4 GHz
- Interference Analyzer with Interference Mapping
- High Accuracy Power Meter
- Coverage Mapping, Channel Scanner, GPS, AM/FM/PM Analyzer
- Field-proven design: Four-hour battery life, rugged, compact, lightweight, daylight viewable display
- Intuitive menu-driven touch screen user interface
- USB connectivity, built-in touch screen keyboard
- Standard three-year warranty (battery one-year warranty)

Description	Applications	Options	Library
<p>To keep up in today's rapidly evolving wireless communications market, you need tools that enable you to efficiently maintain legacy networks in addition to the new 3G and 4G networks now being installed. And as the market continues to expand, you're being required to service more base stations than ever before. This means completing sweeps quickly, performing calibrations instantly, and implementing fast trace naming while in the field.</p>			
<p>The S332E Site Master does all this by combining a cable and antenna analyzer with a spectrum analyzer into a single integrated device while delivering the ease of use, rich functionality, and best-in-class price/performance you've come to expect from Anritsu. Designed to handle the most punishing field conditions, the S332E Site Master integrated cable and antenna analyzer and spectrum analyzer dramatically enhances your productivity and transforms the traditional fix-after-failure maintenance model to one that allows you to identify and address minor problems before they become major ones.</p>			
<p>Cable and Antenna Analyzer Highlights</p> <ul style="list-style-type: none"> Measurements: Return Loss, VSWR, Cable Loss, Distance-To-Fault, Phase 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 			
<p>Spectrum and Interference Analyzer Highlights</p> <ul style="list-style-type: none"> Measurements: Occupied Bandwidth, Channel Power, ACPR, C/I, Spectral Emission Mask Interference Analyzer: Spectrogram, Signal Strength, RSSI, Signal ID 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 			
<p>In addition, easyTest Tools™ allows experienced users to Create, Deliver, and Display on-screen work instructions for Cable and Antenna testers. These work instructions make life easier for less-experienced cable and antenna sweepers. Direct benefits include more accurate testing, repeatable results, and less rework. For more details see the easyTest Tools page.</p>			

Site Master™ Cable & Antenna Analyzer + Spectrum Analyzer S332E

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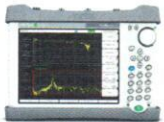
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<ul style="list-style-type: none"> Cable & Antenna Installation and Maintenance for wireless service providers, contractors, military, aerospace and defense, and public safety applications 2-port measurements of Tower Mounted Amplifiers, duplexers, filters Phase Matching Cables Antenna Tuning Spectrum monitoring Transmitter Verification: occupied bandwidth, channel power, adjacent channel power ratio Interference Analysis of cellular system, land mobile radio systems, Wi-Fi Signal Strength Mapping Field analysis of 2G/3G/4G signals Field Strength Measurements 			