

The all NEW 100KHz-1.4GHz Site Analyzers are available in two models:

SWR Site Analyzer with VSWR, Return Loss and FDR (Frequency Domain Reflectometer) measurements.

VNA Site Analyzer with full Vector Network Analyzer measurement suite S11 and S21 ports, Spectrum Analyzer, and FDR (Frequency Domain Reflectometer) measurements. Both models feature full color backlit display with excellent daylight readability. 50 memory slots for saving plots to recall on the Site Analyzer or upload to a PC using **Site Analyzer PC Vision™** software (included). They include NiMH batteries with 4 hours continuous operation. Easy to navigate menus, user custom color settings and measurements plot displays. The VNA Site Analyzer has one-button revert to be just an SWR & Return Loss meter if desired. This makes it flexible for both the novice and engineer level person to use with minimal training. PC communications is via USB-2 (cable included). Technical support includes: User Training PPT, and toll free technical support for the life of the instrument.



Three or Five Instruments in One Hand-held Rugged Package

SWR Site Analyzer



Part Number
6050-5000

Included Items:

SWR Site Analyzer, Terminators (short & 50 Ohm), 8AA NiMH cells (installed) Belt Case with removable shoulder strap, USB Cable, AC adapter, Quick Start Guide, Basic Guide, and CD with Operating Manual, Training PPT, Site Analyzer PC Vision software, Application Notes, and backup literature copies.

Buy a kit and save

6050-5050 SWR Site Analyzer Kit
6050-5150 VNA Site Analyzer Kit

Included items:

Listed items per model, Soft carrying case, DC Vehicle Recharger adapter, 3 way Terminator Set, open, short and 50 Ω load and "N" to BNC Adapter



VNA Site Analyzer



Part Number
6050-5100

Included Items:

VNA Site Analyzer, Terminators (short & 50 Ohm), 8AA NiMH cells (installed) Belt Case with removable shoulder strap, USB Cable, AC adapter, Quick Start Guide, Basic Guide, and CD with Operating Manual, Training PPT, Site Analyzer PC Vision software, Application Notes, and backup literature copies.

visit our website for more information
www.aeatechnology.com

See reverse side for key specifications and optional accessory details



Made in USA with
US and global parts

Key Specifications (for a complete list download the Operating Manual from our website)

SWR Model and VNA Models	SWR, Return Loss and FDR
VNA Models only*	SWR, Return Loss, FDR, Spectrum Analyzer Z mag, Z angle, Gamma Magnitude and Gamma Angle
Frequency Range:	100KHz – 1400MHz
Tuning/Display Resolution:	1KHz
Refresh Rate:	2.5 times/second
Frequency Display:	250 points
Measurement Speed:	10ms to 1s
FDR Measurements:	DTF, end of cable and Antenna RL
FDR Range:	0 to >5000ft (0 to >1524m)
Min Resolution:	0.5% of Scale
FDR Accuracy:	0.5% of Scale
Output Power:	~ 0 dBm @ 50 Ohms
Input Power Range:*	-100 dBm to +30 dBm
Impedance Range: *	10 to 1000 Ohms, default 50
Impedance Plot Scales: *	8 scales from 10 to 2K Ohms
Impedance Formats (S11): *	Resistance, Reactance,
Impedance Accuracy: *	+/- 1 Ohm
Phase Angle Plotting Scales: *	+/- 5 to +/- 180 degrees
Gain Formats (S21): *	Log, Linear, phase
Gain Accuracies: *	+/- 1 dB
Spectrum Analyzer Ranges: *	100KHz - 1.4GHz
Spectrum Analyzer Resolution:*	30KHz - 3MHz
RF Connectors:	"N" Type
Power requirements:	13.8-20VDC @ 800 mA min. 8 AA NiMH, or Alkaline
Size:	8.5" x 4.3" x 2.25" (216 x 109 x 57 mm)
Weight:	2.2 lbs (1 Kilogram) with belt case and batteries
Warranty	2 years

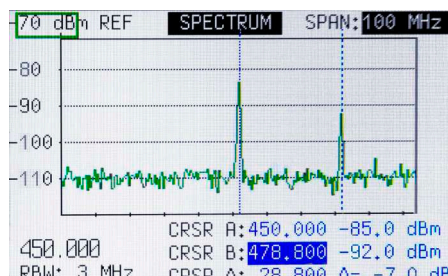
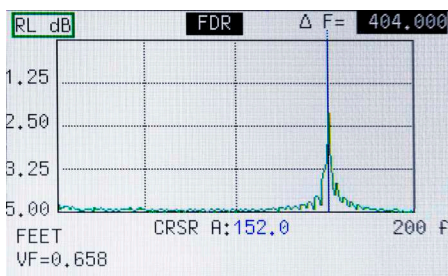
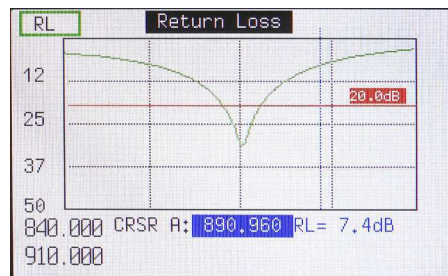
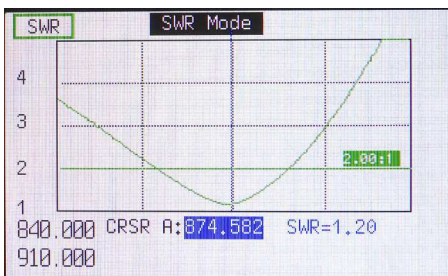
Features:

- Simultaneously view two separate plots with different scales*
- User selectable limit lines for At-a-glance tuning in SWR/Return loss mode
- One-button Autotune locates antenna's best frequency
- Large numeric display in CW mode
- Internal Memory can hold up to 50 plots and setups
- Quarter VGA backlit color display (user selectable color scheme)
- Spectrum Analyzer (VNA model only)
- Frequency Domain Reflectometer (FDR) for cable testing
- Site Analyzer PC Vision™ software and USB-2 Cable included

Benefits:

- Economical antenna system testing
- Very fast response time in graphical display mode
- Save, recall and upload test results to a PC
- Quickly shift between VNA, SWR and Return Loss
- Colors can be customized for best viewing
- "Belt Friendly" design makes it easy to carry on site
- Has "Cable Null" option to eliminate test lead or feed line
- Fully rechargeable NIMH batteries are COTS replaceable

* VNA Model Specifications Only
Specifications subject to change without notice



Optional Accessories

- N to SMA Adapters and Terminators Set
- N to BNC Adapter
- BNC Terminators, Short and 50 Ω Load
- N to TNC Adapters
- N to SO239 (HF) Adapters
- N female terminators short and open kit
- 3 way Terminator Set, open, short and 50 Ω load
- Vehicle adapter/charger
- Soft Carrying Case
- Hard Carrying Case

See our website:
www.aeatechnology.com
for full details on our accessories



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