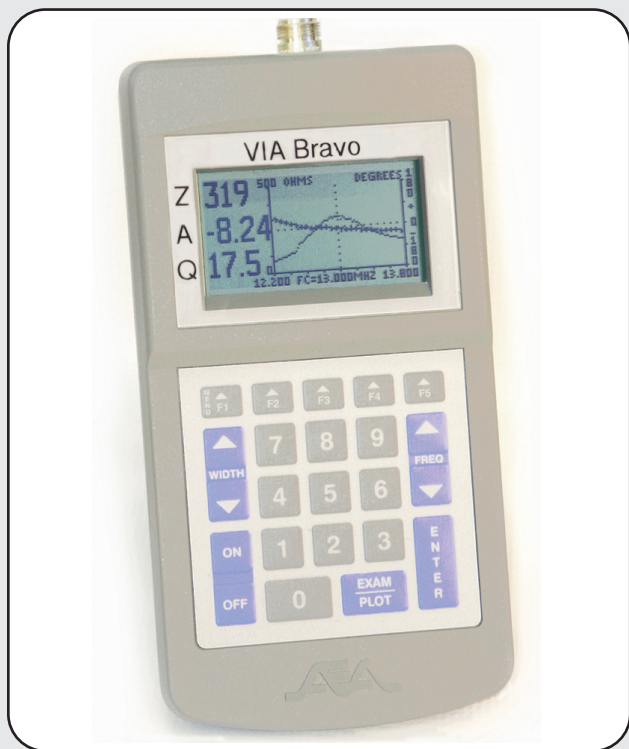


VIA™ Bravo Vector Impedance Analyzer



AEA's **VIA Bravo** is a TRUE, Hand Held, Vector Impedance Analyzer that is Impedance independent. This means you can measure any circuit or antenna Z from 10 to 2000 Ohms. The analyzer has the capability of providing accurate measurements of **Z, X, R, Phase Angle** (0.5 degree resolution), **Q** (3dB curve points), **SWR** and **Return Loss**, as well as **TDR** and **Spectrum Analyzer** modes! The Q calculation works for both parallel and series resonances.

The display can be configured to show two separate graphs simultaneously, each with its own scale on each side of the graph area, with 80 or 100 points showing at a time (user selectable).

Sweep speed is less than 1 second per sweep.

The VIA Director Software displays REAL-TIME Data on your Laptop computer. This is truly a revolution in cost effective, hand-held, RF testing. Software, Serial Cable, Power supply, & SoftCase INCLUDED.

PART NUMBERS (Included)

VIA Bravo Analyzer6014-5000
VIA Director Software5013-1201
Soft case5001-1002
AC-1 Wall Adapter5001-0201
or	
AC-1 EU European Adapter5001-0202

FEATURES

- Direct Readouts for Impedance, Phase Angle, Q (-3dB points), Reflection coefficient magnitude and angle, SWR, & R_L
- View two separate plots with differing scales simultaneously □□
- Measure Parallel or Series Capacitance & Inductance
- Impedance can be displayed as either series or parallel R & X
- Large, easy to read, numeric display of Center Frequency plot values as well as Q
- Automatic Calibration and Self-test functions
- Cable Nulling function
- Nonvolatile memories for Plot Storage and setup data
- TDR Mode
- Relative Spectrum Analyzer Mode
- Signal Generator Mode
- Custom E.L.Backlit Display
- Windows™ VIA Director software included
 - Realtime display on PC
 - Simultaneous multiple plot viewing in memory mode
 - SMITH CHART Display
- SuperTwist display for better contrast and viewing angles
- Auditory cues
- Battery Saver auto-off function

BENEFITS

- High accuracy when tuning antennas and matching stubs
- Ability to archive and print plots for documentation
- Lightweight, portable, and battery power capability

SPECIFICATIONS

• Frequency range	100KHz - 200 MHz
• Tuning/Display resolution	< 0.02% of center Frequency
• Display width	0 to 25.6 Mhz, 80 Points w/ large numeric readout, 100 pts without
• Impedance Range	10 to 2000 Ohms
• Antenna connector	Industry standard "N" connector
• Output power	+5 dBm@50 ohms
• Harmonic and spurious	>30 dB below fundamental
• Impedance plotting scales	100/200/500/1000/2000 Ohms
• Phase angle plotting scales	+/- 15 to +/- 180 Degrees
• Maximum input	+20 dBm
• Measurement speed	Single frequency: Several sweeps per second Normal sweep: <1 second
• Nonvolatile memory	Store plots and setup data
• Serial interface speeds	9600 to 115.2K baud
• Power requirements	12-20 VDC @ 400 ma minimum
• Size	8.5" x 4.3" x 2.25"
• Weight	20 oz.


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