



The VIA Analyzer is a handheld, enhanced capability SWR Analyzer used for tuning antennas and antenna circuits. The Analyzer has the capability of providing accurate measurements and sweep displays of SWR, Return Loss, Impedance, and resistance. It also provides a reference to the Magnitude of X and Phase Angle. The VIA's testing functionality, combined with its 100 kHz to 54 MHz frequency range, make it a versatile tool for many antenna service applications as well as the understanding of complex tuning issues.

The optional VIA Director Software application provides the user with the capability of remotely operating the VIA through a serial port connection while viewing high definition results on a P.C.

The software makes the printing and storage, of documentation and reports easy.

Features

- Graphic display of SWR, Return Loss, Impedance (Z), and Resistance (R) verses Center Frequency
- Automatic calculation of minimum SWR Point (value and Frequency)
- Multiple combinations of data display window types
- Multi-line grid available on-screen for easy viewing
- Automatic and Manually Adjustable plot scales
- Nonvolatile memories for Plot Storage
- Signal Generator Mode - CW signal generator
- Windows™ VIA Director Software available
 - High resolution Display of plots on PC
 - Smith Chart Display
 - Zoom Capability
- Supertwist 64x128 LCD Display
- Auditory cues for non-visual tuning
- Lightweight and portable

Specifications

- Frequency range 100 KHz to 54 MHz
- Tuning/Display resolution 1 KHz
- Measurement speed ~1 second / 100 point sweep
- Frequency display width 0 to 20 MHz in 1,2,5 sequence
- Impedance Range 2 to 1000 Ohms
- Impedance plotting scales 0 to 100 Ohms Minimum
0 to 1000 Ohms Maximum
- Harmonics and spurious >30 dB below fundamental
- Output power ~ +5 dBm@50 Ohms
- Serial interface speeds 4800 & 9600 bps
- Power requirements 12-20 VDC @ 400 mA. minimum
or 8 AA cells (alkaline or NiMH)
- Antenna connector "N" Connector
- Size 8.5" x 4.3" x 2.25"
- Weight 20 Oz.

Benefits

- Saves time
- Improves Reliability
- Improves Quality

