

Datasheet

Vector Impedance Analyzer, 5 kHz to 1 GHz. With US 120 V AC power supply



- Frequency range 5 kHz to 1 GHz
- Temperature Compensated Oscillator (TCXO)
- Scan averaging up to 256x
- Type-N RF connector
- Heavy duty case available
- Expansion port for accessories
- AIM UHF antenna analyzer
- 120 V AC 60 Hz "wall-wart" power supply
- Calibration hardware: open, short, & 50 ohm resistor N-type loads, USB cable
- Free software updates
- PPT presentation of capabilities

- SWR referenced to any impedance
- Resistance and reactance ($R+jX$) at the cable input
- Resistance and reactance ($R+jX$) at the antenna terminals
- Resistance and reactance ($R+jX$) of discrete components
- Return loss (RL or S11)
- Reflection coefficient (Γ)
- Cable length
- Cable impedance ($R+jX$)
- Cable loss
- Distance to fault (Open, short or impedance discontinuity)
- Smith Chart display
- Quartz crystal parameters
- True TDR (Time Domain Reflectometer)