

POWER AIM 120

Vector Impedance Analyzer for Broadcast Engineers

Manufactured by Array Solutions

Distributed Exclusively by Kintronic Labs to the Worldwide Broadcast Market

The POWER AIM 120 Kit Includes:

- Watertight Carrying case w/ molded high density foam
- Battery pack
- Battery recharging unit
- Space for Laptop (not included)
- Software with **FREE upgrades for the FIRST Year** (\$99.00 after)

PART # AS-PA120-15 (15" Laptop)

\$2,995.00 plus S&H

NEW! AS-PA120-17 (17" Laptop)

\$3050.00 plus S&H



Additional options:

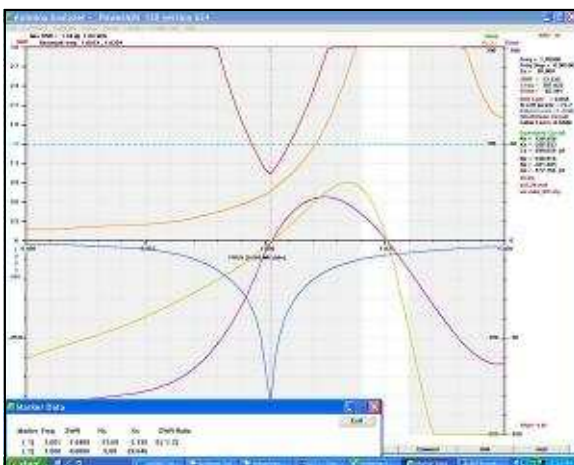
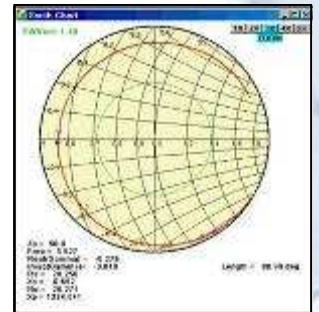
- **AS-RS232** – Male to Male DB9 Cable (6 ft)- **\$ 6.00**
- **AS-USB-RS232**-USB to RS 232 Adaptor w/ Cable (5 ft) w/ Mini Disc Driver Software -**\$ 14.00**
- **PS-12R1A** - 12V DC 1 amp REGULATED Power supply for PowerMaster - 6ft cord with proper plug - RF quiet-**\$ 19.00**

FREQUENCY MEASURING ::

- Single Port Swept Frequency Measurements of Antennae Operating in the 0.1-120 MHz Frequency Range, (LF, MF, HF and FM Bands Included) .
- Set the Frequency Range of Measurement By Specifying Beginning and Ending Frequencies.

IMPEDANCE MEASURING :

- Measure Impedance and SWR at the Input Connector or Translated to the End of a Coaxial Cable with a Pre-Specified Characteristic Impedance.
- Use as an Impedance Bridge /Receiver-Generator Utilizing an Internal Tone Generator to Adjust to a Pre-Specified Reactance or Impedance.
- Use to Measure the Impedance of an AM Radiator With Up to 50 Volts Peak To Peak RF Incident on the Tower on the Same Frequency. The Analyzer is Self Protected for an RF Overload Maximum Voltage of 100 Volts Peak to Peak.



MORE FEATURES:

- Calibration Procedures Similar to that of a Network Analyzer Utilizing Open, Short and 50 Ohm Loads that are Supplied with the POWER AIM 120 Analyzer.
- Use to Measure the Electrical Length of a Transmission or Sample Line.
- **Save Time** -Use to Locate a Fault in the Transmission Line
- **Display Data** in a Linear Format or on One or More Smith Charts
- **Organize Data Files** by Saving, Printing or Importing into Spreadsheets

TYPICAL IMPEDANCE & SWR VS. FREQUENCY
LINEAR PLOTS

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