Infinite Solutions

VM7000

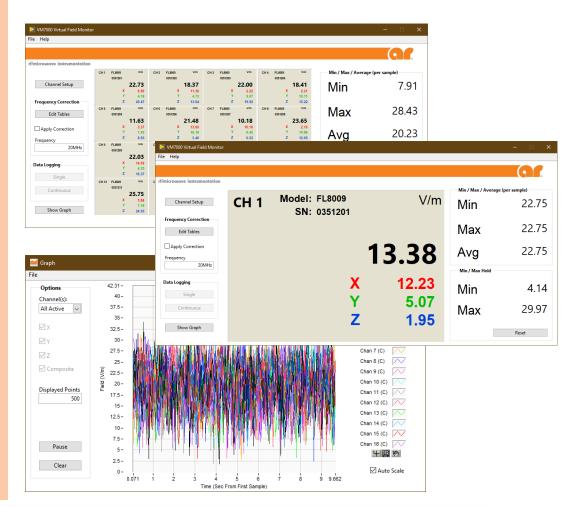**Virtual Field Monitor Software Application Version 5.2**

Features

The AR RF/Microwave Instrumentation Model VM7000 (Virtual Field Monitor) is a PC based software application which simultaneously controls and operates any combination of FL8000 Series field probes.

The graphical user interface allows effortless control of all field probe functions, while clearly displaying measurement values and status. For maximum flexibility it can interface with up to sixteen (16) field probes using RS-232, GPIB, Ethernet, or USB.

This software can correct field probe readings over frequency using stored correction factors and a user entered frequency corresponding to the field being measured.

Data logging can be done either continuously or selectively. Each logged sample contains X, Y, Z, and composite measurement values as well as a time stamp. For simplicity, each active channel saves data into a separate tab-delimited text file.

The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

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rf/microwave instrumentation

VM7000

**Virtual Field
Monitor Software
Application
Version 5.2**

Specifications

OPERATING ENVIRONMENT:
- Windows 10

PC HARDWARE REQUIREMENTS:
- 2 GHz single core processor
- 1 GB RAM
- 1024 x 768 minimum screen resolution
- Available RS-232, GPIB, Ethernet, or USB Communications Ports (one per probe)

LICENSING:
- USB Key (Requires one available USB port)

COMPATIBLE FIELD PROBES:
- All 7000 and 8000 Series field probes

CHANNEL CONFIGURATION:
- Displays measurement values from up to 16 field probes, with any combination of sample rates and enabled axes.

CORRECTION FACTOR TABLES:
- An unlimited number of tables may be stored (one per field probe)

DISPLAY MODES:
- XYZ (Displays X, Y, Z and composite values of all active field probes)
- MIN MAX AVG (Displays the minimum, maximum and average composite value from the current sample of all the active field probes)
- MIN MAX HOLD (Displays the minimum and maximum composite values of all the active field probes over time)
- Graphical (Composite values of all active field probes, or X, Y, Z and composite of a single channel plotted with respect to time)

DATA LOGGING:
- Data samples for all active channels are written to channel-specific tab-delimited text files, readable by most spreadsheet applications
- Single sample: collects a single sample from all active channels when desired
- Continuous sampling: collects all samples from all active channels

EXPORT CLASSIFICATION: EAR99

To order AR Products, call 215.723.8181. For an applications engineer call: 800.933.8181. Direct to Service call: 215.723.0275 or email: service@arworld.us For Faxing Orders: 866.859.0582 (Orders Only Please) info@arworld.us
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