

The Competitive Edge in Versatility.



Starmonitor® Field Monitor

Model FM7004 is an E- and H- field control center that offers monitoring and display capabilities for immunity-test environments for up to 4 isotropic field probes. Exceptionally precise with auto-recognition to adapt to laser or battery-powered probes. The unit allows field-strength measurement at up to four probe locations simultaneously with results displayed on a backlit color LCD. Choose from 10 field probes with sensitivity from 0.4 to 1000 V/m, 0.012 - 17A/m, and frequency response from 5 kHz to 60 GHz.

The FM7004 has the ability to internally apply correction factors to field probe readings. Up to 6 tables of field probe correction factors containing up to 30 different frequency points can be stored in the FM7004. From the menu-controlled front panel, call up composite field readings from E- or H-field probes, including a laser powered E-field probe, or choose readings from each axis of a three-axis probe.

The FM7004 field monitor provides four digital interfaces (USB, GPIB, RS-232 and Ethernet) and a highly readable user configurable, graphic, LCD display. Menu options are at your disposal. Communication from the chamber to the FM7004 is through fiberoptic cables.

Virtual Field Monitor.

AR's VM7000 Virtual Field Monitor Software converts your computer into a field monitor. It can simultaneously control and operate any combination of FL7000, PL7000, FP7000, FH7000 series of probes. The VM7000 provides a graphical user interface that allows effortless control of all probe functions, while clearly displaying probe data and status

With this system, your computer becomes a direct connection for up to 16 simultaneous field probes, and also acts as a complete control center. From the computer screen you may enable and disable the individual axes of all probes at once, or of just one specific probe. Over-range, battery voltage, and temperature status can be displayed for continued and proper field monitoring. Field strength data can be displayed in a number of ways, and readings from all modes can be data logged.

The VM7000 runs under the Windows 2000, XP and Vista operating systems.



AR Field Monitors can display single channel, multichannel, minimum/maximum and average field strength data