

PROBES & POSITIONERS EMCENTER FIELD MONITOR



MODEL NUMBER EMCENTER

- **Modular Platform for Making RF Measurements**
- **Accomodate EMSense, EMGen, EMSwitch Cards within 7 Available Slots**
- **Reduces Test System Complexity Includes Backplane, Power, and TFT**
- **Touch Screen Control**

ETS-Lindgren's EMCENTER™ Field Monitor is a modular RF platform consisting of an integrated micro-controller, modular chassis, and includes up to seven EMSense 7007-001 or EMSense 7007-002 plug-in card modules. Additional EMSense cards can be purchased separately to add to your EMCENTER Field Monitor at any time. Typical EMCENTER Field Monitor applications include EMC and wireless measurements, E-field monitoring, and other RF applications.

EMCENTER Field Monitors can be manually controlled through a series of menus accessed on the front panel TFT touch screen. The platforms embedded Linux-based software is stored in flash memory to simplify version upgrades. For automated testing, the EMCENTER Field Monitor can be controlled with TILE!, EMQuest and other PC compatible RF software packages. Using LAN, USB and the optional GPIB IEEE-488 I/O, the software can control external receivers, amplifiers, power meters, antennas, and other equipment in the test loop. If you need to update the firmware, please email support@ets-lindgren.com.

Standard Configuration

- HI-1710A Control Module
- HI-2623 Microwave Oven Probe
- Power Cable
- User Manual
- Calibration Certificate

Options

- H-540013 Spacer Cone Kit (Includes 10 Cones and 20 Shields)

Technical Specifications

Electrical	
Slots	2 to 7 modular card slots (model dependant)
Display	<ul style="list-style-type: none"> ■ TFT with touchscreen ■ 7.0-in WVGA (800 x 480)
Processor	800 MHz ARM A9 CPU
Memory	512 MB RAM, 4 GB Flash
Operating System	Linux
Configuration	Desktop or 19-in rack mountable
Environmental	
Temperature Range	0°C to 40°C (32°F to 104°F)
Relative Humidity	10% to 90% (non-condensing)
Physical	
Dimensions (H x W x D)	3U: 132 mm x 447 mm x 350 mm (5.2 in x 17.6 in x 13.8 in)
Weight	7 kg (15.4 lb)