

PROBES & POSITIONERS EMCENTER FIELD MONITOR



MODEL NUMBER EMCENTER

- Modular Platform for Making RF Measurements
- Accommodate EMsense, EMGen, EMSwitch, EMPower, EMControl 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 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

- EMCENTER Chassis
- Interlock Plug
- 19 Rack Mounting Brackets
- Power Cable
- USB Cable

Technical Specifications

Electrical

Slots	2 to 7 modular card slots (model dependant)
Display	■ 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)