



Electric Field Meter 200 is a combined instrument for electro-static and alternating electric field measurements

Main instrument features are:

- wide dynamic ranges for electro-static and alternating electric fields
- frequency response 0 - 400kHz
- true RMS measurements(AEF)
- electrostatic potential mode for MPR II measurements
- data logging with storage of up to 4,000 results

Electric Field Meter 200 is designed to handle a variety of applications like:

- VDT measurement according to MPR II (1990:8) and other standards
- power line electric fields using a ground reference method
- office and industry electric field levels
- electrostatic supervision
- Flexible operating modes with single/repetitive measurements and manual/automatic logging
- PC support software available with the CMS and CLS packages



ELECTRIC FIELD METER 200



TECHNICAL DATA

1. Electrostatic field

Measurement range: $\pm(0.5 - 1000)$ kV/m DC
Accuracy: $\pm(4\%$ of reading + 0.3 kV/m)

2. Alternating electric field (ELF)

Measurement range: 0.5 - 10,000 V/m rms
Frequency range: 5-2000 Hz (-3dB)
Accuracy: $\pm(3\%$ of reading + 0.2 V/m)

3. Alternating electric field (VLF)

Frequency range: 2-400 kHz (-3 dB)
Measurement range: 0.05 - 1000 V/m rms
Accuracy: $\pm(3\%$ of reading + 0.03 V/m)

Display resolution: Better than 0.5% of reading
Display type: LCD display with backlight
Result storage: Up to 4000 results
Communication: Standard RS 232C serial communication
Optional fiber optic serial communication
Power: Rechargeable battery with a maximum operating capacity exceeding 30 hours

Weight: 3.5 kg
Size: 325 mm x 155 mm x 265 mm (LxWxH)
Operating environment: -10 °C – +50 °C

Ordering information

Order number	Product
20-01	EFM 200 standard version 220 V *
20-02	EFM 200 standard version 110 V *
20-11	EFM 200 remote mode version 220 V **
20-12	EFM 200 remote mode version 110 V **
91-04	Fiber adapter 10
91-06	Calprobe EFM ***

* Standard version includes battery charger, AEF probe, ground reference plate, distance tool, communication cables, ground cable, operator's manual and transportation case.

** Remote version also includes fiber optic interface and 10 m fiber cable. This version is intended to be used with the CMS package. For other remote applications, the Fiberadapter 10 is available.

*** Calprobe and spacers for calibration check



Office address: Fredsforstigen 22-24, Bromma, Sweden
Post address: Box 20050, S-161 02 Bromma, Sweden
Telephone: +46-8-627 93 10
Fax: +46-8-29 59 85

Specifications subject to change without notice