



Electric Field Meter 100 is a combined instrument for ELF and VLF alternating electric field measurements

Main instrument features are:

- wide dynamic ranges for ELF and VLF alternating electric fields
- frequency response 5Hz - 400kHz
- true RMS measurements
- built in fiber optic remote mode interface

Electric Field Meter 100 is designed to handle a variety of applications like:

- VDT measurement according to MPR II (1990:8), TCO and other standards
- power line electric fields using a ground reference method
- office and industry electric field levels
- inspection of installations
- Flexible operating modes with single/repetitive measurements



ELECTRIC FIELD METER 100



TECHNICAL DATA

1. Alternating electric field (ELF)	
Measurement range:	0.5 - 10,000 V/m rms
Frequency range:	5-2000 Hz (-3dB)
Accuracy:	(3% of reading + 0.2 V/m)
2. Alternating electric field (VLF)	
Frequency range:	2-400 kHz (-3 dB)
Measurement range:	0.05 - 1000 V/m rms
Accuracy:	(3% of reading + 0.03 V/m)
Display resolution:	Better than 0.5% of reading
Display type:	LCD display with backlight
Communication:	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

Specifications subject to change without notice

Ordering information

Order number	Product
21-01	EFM 100 standard version 220 V *
21-02	EFM 100 standard version 110 V *
91-04	Fiber adapter 10 for remote operation
91-06	Calprobe EFM **

* Standard version includes battery charger, distance tool, ground reference cable, 10 meter fiber cable, operator's manual and transportation case.

** Calprobe and spacers for calibration check



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