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EFM 023



Item Number: 336.023.0

The electro fieldmeter EFM 023 is very user friendly due to its compact design and one touch operating. The dissipative housing of the unit is EPA - compatible.

The EFM 023 is conform to the EFM 022 plus an analogue interface $\pm 1V$. By using our USB 110 you can connect it to a PC with USB interface.

Menu driven selection of measurement distance

Voltage potentials can be directly measured for preselected measurement distances, thus would avoid recalculation. 5 measurement distances are available, which makes it even possible for your most convenient handling in problematic areas.

Hold function

The hold function keeps the actual reading in memory, e.g. after obtaining measurements in spots where the on-line reading of display is not possible.

Charge Plate - function

You need our Charge-Plate Set.

Mount the plate electrodes on top of the EFM 022. Than charge the plate with the HV-Converter higher $\pm 1.100V$. By discharging the plate an internal timer starts at $\pm 1.000V$ and stops at $\pm 100V$. The positive / negative discharge time will be shown at the display.

E-Field Meter Ranges:

manual selected.

$\pm 20kV/m$; $\pm 200kV/m$ und $\pm 1MV/m$

Important ! Only in ths Mode the analog interface is switched on !

Max. Value:

Distance 1cm is switched on (for MK 023)

After pressing the switch the maximum pos. and neg. Measure Values are displayed (Walking Test). By pressing the switch again the values will be reset and starts again.

optional:



[EFM 022 ZBS](#)



[Charge Plate Set CPS 022](#)



[Accessories set ZBS 022](#)

No zero drift

Therefore a zero adjustment is not needed before each measurement.

Measurement ranges:

distance 1cm: 0 to 10kV

distance 2cm: 0 to 20kV

distance 5cm: 0 to 50kV

distance 10cm: 0 to 100kV

distance 20cm: 0 to 200kV

Specifications:

Dimensions: 122mm x 70mm x 26mm (L x W x H)

Weight: approx. 130 g (without battery)

Power supply: 9V Alkali battery IEC 6F22

Display: 2-line alphanumeric LC-display with 12 digits each
The measurement distance in cm will be displayed in the first line, the voltage potential will be indicated in volts in the second line.

Scope of delivery:

- soft bag
- 9V Alkaline battery
- grounding cable 1,5m
- 2 distance supports (2cm)
- manual
- certificate of calibration

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VMS 023 / EFM 023 BGT

VMS 023 (022) (867.023.0)

The VMS 023 consists of:

- Voltage measuring head MK023
- Stand for secure installation of the EFM.
- Conductive plastic case to hold all accessories
- Hand electrode
- 5m silicone cable

An inspection test can be carried out with it.

The VMS 023 is a pure accessory set and can only be operated together with the EFM 022 ZBS or the EFM 023 ZBS.

Existing electric field meters can be retrofitted with it. Ask us ! For this we need the serial number of your device.

EFM 023 BGT (336.023.6)

With the EFM 023 BGT you get a complete set for carrying out a walk-through test according to DIN EN 61340-4-5.

The set includes:

- EFM 023
- VMS 023
- UAC 110
- all necessary connection cables

