

Electric field meter EP-EFM 823 with accessory set ZBS

Product Number EP0201013



Product Description

Electric field meter EFM 823 with accessory set (ZBS)

The EP-EFM 823 electric field meter contains all the functions of the EFM 822 and also has an analog output $\pm 1V$. This is switched on in the manual E-field meter ranges. The EP-EFM 823 is supplied in a practical case set.

Scope of delivery

EFM 823 measuring device with analog output $\pm 1V$

Carrying case

Plug-in charger

Rechargeable battery 9V (2 pieces)

Spiral earthing cable

Tapping terminal

Output cable with jack plug

Menu-controlled measuring distance preselection

Voltage potentials on the measurement object can be determined directly by preselecting the measurement distance, eliminating the need for time-consuming conversions. There are 5 measuring distances available, enabling optimum handling of the device even in problematic detection areas.

Hold function

The measured value can be frozen in the display, allowing accurate measurements to be taken even in hard-to-reach areas.

Very high zero point stability

This eliminates the need for zero-point adjustment before each measurement, which is necessary with other systems.

Measuring 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

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E-field meter ranges:

manually switchable $\pm 20\text{kV/m}$; $\pm 200\text{kV/m}$ and $\pm 1\text{MV/m}$

!! With this function the analog voltage output $\pm 1\text{V}$ is switched on !!!

Max. Value:

Range 1cm is switched on (for EFM 823)

After pressing the button, the maximum positive and negative measured values are displayed (walk test). Pressing the button again deletes the max. Values are deleted and the process starts again.

Also available as a PRORENT rental device.

Technical Data

Abmessungen	122mm x 70mm x 26mm (L x B x H)
Gewicht	ca. 139 g (ohne Batterie)
Stromversorgung	9V NiMH Akku IEC 6F22
Anzeige	2-zeilige alphanumerische LCD-Anzeige mit je 12 Stellen In der oberen Zeile wird die gewählte Messdistanz in cm, in der unteren die gemessene Aufladung in Volt angezeigt.
Ausgang	$\pm 1V$ ($R_i > 1k\Omega$) proportional zur gemessenen Feldstärke

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