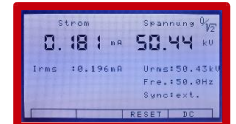
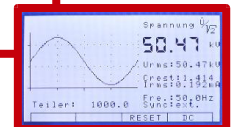


For precise measurement of high AC-voltages according to IEC 60060 in connection with a high voltage divider.

The measurement is based on the principle of a capacitive or resistive voltage divider, the resolution is switched inside the AC peak voltmeter.

In distinction to former SMG- units the lower capacitor or resistor is placed in the HV- divider.

- according to standard IEC 60060 and VDE 0432
- optional calibration compliant to national standards
- accuracy including the HV- divider $\leq 2\%$ of displayed value
- measuring modes \hat{U} - $\hat{U}/\sqrt{2}$ - Urms
- customized solutions between 5 and 1000 kV
- easy handling
- flash over or breakdown voltage will be stored
- interface RS 232 and USB, IEEE488 as option
- oscilloscope display



Technical data:

AC peak voltmeter, SMG

Display	4 digit
Different measuring ranges e.g.	5 - 1000 kV , customized are required
Measuring frequency	16 - 210Hz ; (optional up to 500Hz)
Accuracy incl. HV- divider	$\leq 2\%$ of displayed value
Measuring input impedance	2M Ω

Options:

- Optional connecting possibility of a measuring selector switch for different measuring dividers.
- For the use as a calibrated AC voltage reference measuring equipment SMG-R there is a model available, accuracy $\leq 1\%$
- In connection with a SF6 gas insulated standard capacitor we reach a accuracy of the complete reference measuring system of $\leq 0,5\%$ of displayed value.



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