



Partial discharge meter **TMG**

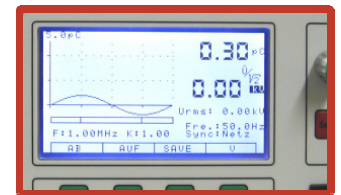
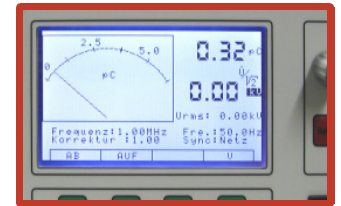
## PARTIAL DISCHARGE METER **TMG**

With the PD meter TMG you can do the following tests, according to standards IEC 60 270, and VDE 0434.

- Easy handling, robust for rough use in test laboratory and on-site
- Partial discharge displays: digital and quasi-analogue with bargraph; digital and phase resolved to the sine wave; digital and analogue needle
- Two time windows for blanking of phase synchronized interferences
- RS 232, USB interface (IEEE 488, RS485 optional)
- Including measuring impedance and measuring cable
- Auto range, automatic and manual selection of PD- measuring ranges
- Options: - Peak voltage measurement  $\hat{U}/\sqrt{2}$  acc. to IEC 60060 and true Urms  
- RIV- measurement in  $\mu\text{V}$  acc. to NEMA107 /Ansi63.2  
- Special module for measurement in C /sec and dB

### Technical data:

Measuring ranges	2.5 - 5 - 10 - 25 - 50 - 100 .... 25000 pC option up to 100 000pC
Narrow band filter	0.1 ... 2.5 MHz adjustable in 10 kHz steps, bandwidth 15 kHz
Broad band filter	40 - 250 kHz, 40 - 400 kHz 80 - 250kHz, 80 - 400kHz
Correction factor	1.0 - 7.0 adjustable
Voltage input	0 - 50 V ( optional 0 - 5 V )
Voltage measuring accuracy	1.5 % of displayed value



## PARTIAL DISCHARGE CALIBRATOR **TPK**

- for determination of the correction factor of the PD-measuring circuit at no voltage

### Technical data:

Ranges	2.5 - 5 - 10 - 25 - 50pC
Rise Time	< 20ns
Pulse Repetition	100Hz

### Options:

- High voltage rigid PC- calibrators from 5kV up to 100kV
- Additional PD- ranges on request
- Special models with scale in dB, C<sup>2</sup> / sec
- Analysing software EAPS or module in control software MSPS
- Current measurement

