

IEC 60034-1 8-41 Standard is being issued!

A brand new Standard for PD measurements on rotating machines fed by power electronics has just been released:

Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters – Qualification and quality control tests

Such Standard will become the reference for the design of insulation systems and quality control, establishing types of test waveforms and measurement procedures.

IEC 60034-1 8-41 Standard

Definition of PD measurement procedures

Definition of characteristics of test voltage impulses

TECHIMP OFFERS THE BEST TECHNOLOGY IN COMPLIANCE WITH IEC 60034-1 8-41 STANDARD

PD Detector PDBasell with ITSM

The state-of-art PD acquisition unit suitable for any power frequency (50/60 Hz), VLF, DC or impulse voltages.

Frequency bandwidth: 16kHz-48MHz (extensible to 100MHz-3GHz)

Ad hoc sensors: HFCTs, dividers, antennas

Features: patented T-F map technology, RPDIV measurement.



Impulse generator TechSQUARE 5000

Repetitive impulse voltage generator. Broad selection of **impulse rise time**, **peak-peak voltage** and **impulse repetition rate**.

It is characterized by:

- very short pulse rise time in order to fit to Turn/Turn stress category;
- capability of supplying highly capacitive windings and stators;
- Capability of performing **type tests** on complete windings and stators.

