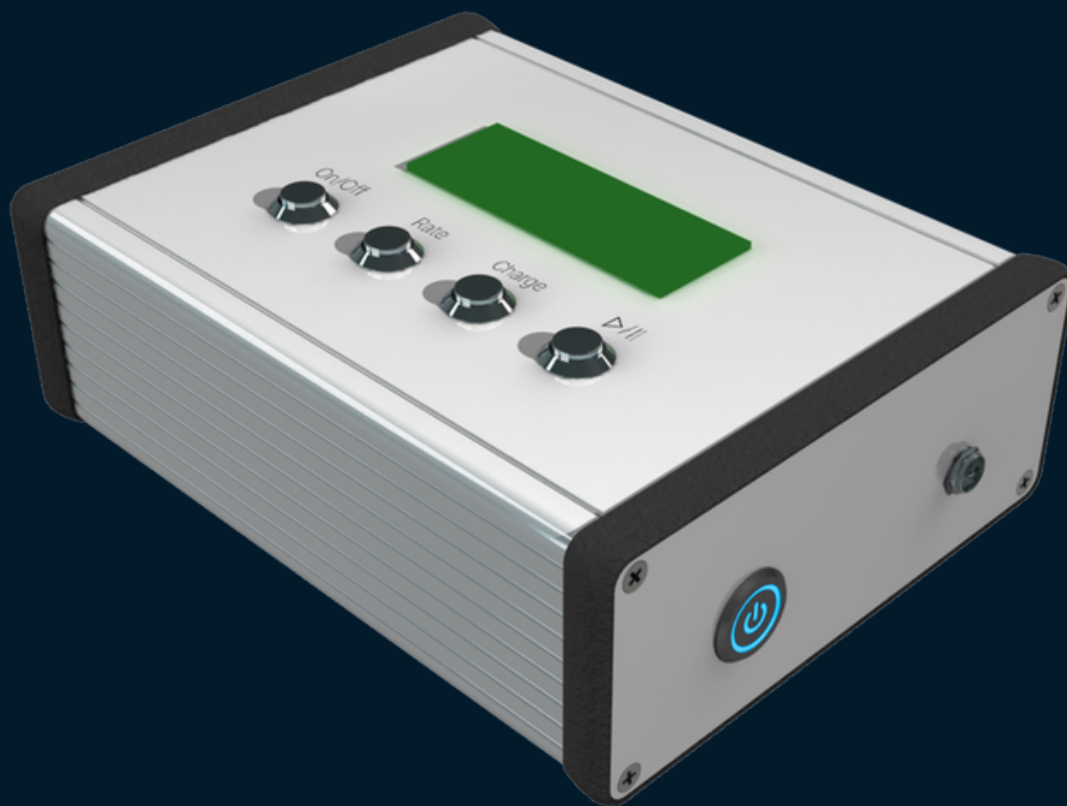


PD SYSTEM

PARTIAL DISCHARGES CALIBRATOR

Standards

IEEE Std C57.124, IEEE Std C57.113, IEEE Std 1434, IEC 60270, IEC 60060, IEEE Std. 400 and NBR 5356



PD CALIBRATOR

Description

Calibration of partial discharge measurement in electrical equipment is essential for satisfactory test performance. Therefore, in this task, calibrators are required as established by standard NBR IEC 60270.

The HVEX Partial Discharge Calibrator is used to adjust devices precisely for the required load setup. This process prevents reading errors in ranges above or below the actual values.

The equipment features excellent usability and high pulse width, eliminating the need for 3 or even 4 devices to perform the same type of calibration.

Applications:

The **HVEX calibrator** is a portable device that allows calibration with bipolar pulses at different intensities and frequencies, making it suitable for use with partial discharge measurement instruments in oil-filled or dry-type transformers, generators, motors, bushings, cables, etc.

Operation

Essential for use in partial discharge measurement or monitoring tests. The calibrator will emit a known and traceable value, emulating the occurrence of a discharge, so the measuring device should be able to recognize it both in terms of occurrence frequency and amplitude.



Technical Specifications

Pulses	5 pC, 10 pC, 50 pC, 100 pC, 500 pC and 1000 pC
Frequency	100 Hz / 120 Hz
Dimensions	16 x 12,5 x 5,2 cm

We provide solutions for improvement of electrical energy generation, transmission and distribution efficiency, quality and reliability. With a highly specialized and experienced team in research, development and innovation, HVEX develops tailor-made solutions for Brazilian and foreign markets. Wide range of products with solutions focused on signal transduction, measurement, monitoring and protection.



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