

PD simulator

PD Simulator



TECHIMP's PD Simulator is a portable device designed to demonstrate typical partial discharge phenomena (corona, surface, internal) present in all MV and HV electrical assets. Three internal specimens, one for each type of defect, can be activated individually or simultaneously for a more complete analysis. An internal high frequency noise generator can be added (ON/OFF) to simulate disturbances as present in the field for more realistic test, as well as to highlight filtering potentials using TECHIMP's T/F map. TECHIMP's PD Simulator has an integrated HFCT sensor which can be connected to TECHIMP's portable PD analyser AQUILA or any other PD instrument, for partial discharge measurement and analysis. Synchronization of the signal is automatically provided.

Specifications

Power supply
Integrated PD sensor
Integrated synchronisation 50/60Hz
Test voltage
Types of Partial Discharge
Type of disturbance
Connector type
Weight
Dimensions

220/110VAC 50/60 Hz
HFCT (30mm)
Transformer 220/20VAC
0-4500 VAC
Corona / surface / internal
HF noise
BNC
15Kg
480x210x430 mm

 Suitable For

DEMO

Several different sensors are available, fully compatible with Techimp Global Diagnostic platform. They can be freely combined at customer needs provided they can be applied for the specific application.

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GROUP

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