

# 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.

# ALTANOVA

GROUP

[www.altanova-group.com](http://www.altanova-group.com)

---

**TECHIMP**

TECHIMP - ALTANOVA GROUP  
Via Toscana 11,  
40069 Zola Predosa (Bo) - Italy  
T +39 051 199 86 050  
Email [sales@altanova-group.com](mailto:sales@altanova-group.com)

**isa**

ISA - ALTANOVA GROUP  
Via Prati Bassi 22,  
21020 Taino (Va) - Italy  
T +39 0331 95 60 81  
Email [isa@altanova-group.com](mailto:isa@altanova-group.com)

**intelliSAW**

intelliSAW - ALTANOVA GROUP  
100 Burtt Rd  
Andover, MA 01810, USA  
T +1 978-409-1534  
Email [contact@intellisaw.com](mailto:contact@intellisaw.com)