

HTP-2/UHF PD Detector

UHF Partial Discharge Analyzer for portable applications

Partial Discharge measurement system based on UHF technology is designed for field application for a very sensitive measurement of defect signals from MV, HV and EHV cable accessories, as well as power transformers and GIS.

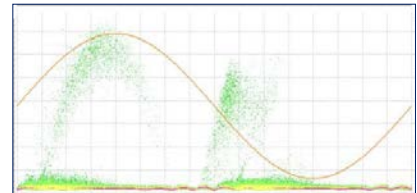
Rugged design of test kit in a standardized enclosure is ideal for onsite partial discharge assessment with real time analysis of events based on voltage and load conditions. UHF partial discharge assessment system is supported with more than a decade's experience for data analysis and interpretation.

The UHF PD analyzer offers flexibility of either single or multiple channel measurements for multiple apparatus testing at a single location. The PD analyzer can be configured with any standard decoupling package such as UHF sensor for cable sealing end, UHF drain valve & hatch sensor for transformers or internal sensor for GIS.




The HTP-2/UHF PD detector offers world class technical features for optimal on-site performance. The UHF PD assessment is conducted in a wideband frequency range and provides PRPD patterns for very effective assessment of discharge in the insulation, as well as identification of corona and external noises.

Specifications

No. of measurement channels	1 (Option of 3 Ch. & 6 Ch.)
Measurement range	40 MHz to 2 GHz
Detection sensitivity	-60 dB
Dynamic Range	60 dB
Reported value	Signal peaks in mV
Synch. Voltage channel	1
Synch. Voltage freq.	20 Hz to 200 Hz
Synch. voltage	Either internal or external
Resolution	12 bit
External power supply	110V – 230V AC +/- 10%, 50/60 Hz
Ambient Temp	-10°C to 45°C, 95 % RH non-condensing



Related products

<p align="center">UHF PD Sensor CT-1</p> 	<p align="center">UHF HPG-1 Pulse Generator</p> 	<p align="center">UHF Drain Valve Sensor</p> 
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