Barrier Spacer UHF Sensor for GIS Switchgear

Enhanced PD Detection Solutions for UltraTEV® Plus²

Our new Barrier Spacer UHF Sensor enhances PD detection for EHV/HV GIS switchgear, ensuring reliable performance in high-voltage environments.

Why Choose Our barrier spacer UHF sensor?

Fully Integrated GIS Solutions

Our barrier spacer UHF sensor can be used in conjunction with HFCTs, Contact Probes and other UHF accessories, providing a complete PD detection suite tailored for GIS switchgear.

Portability

The portable design of our barrier spacer UHF sensor makes it ideal for conducting regular PD surveys across multiple GIS bays, allowing you to quickly visit each bay in turn.

Sector Specific Applications

Our barrier spacer UHF sensor is ideal for the electricity transmission and generation sectors, where EHV/HV GIS switchgear is prevalent.

Advanced Technology

Our UHF accessories are independently tested and validated to meet stringent requirements for switchgear environments. Sensitivity ratings surpassing industry standards help ensure precise PD detection, and giving you more confidence in the results.

Seamless Integration

Accessing UHF results is now even easier thanks to Managed Surveys. It handles the transfer of information from the UltraTEV Plus². This allows you to access the results on our cloud-based platform and provides a fully managed condition assessment solution for your routine PD surveys.

Scan the QR code to find out how our UHF accessory and UltraTEV® Plus² can help you identify potential issues before they escalate.

UltraTEV® Plus²

Integrated GIS Solutions

Building upon the capabilities of the UltraTEV Plus², the addition of this UHF sensor provides a comprehensive solution for precise partial discharge (PD) detection across the full range of high-voltage GIS switchgear. This Barrier Spacer UHF Sensor, when used in conjunction with our HFCT, Contact Probe, and in-built UHF sensors, forms a complete PD detection suite tailored for GIS assets.

HFCT (High-Frequency Current Transformer)

- Installs on cable ground straps for PD testing
- Supports periodic surveys and future full-time monitoring without downtime
- Provide visibility of both cable and switchgear PD activity

Contact Probe

- Detects both surface activity and floating particles
- Provides localization of activity
- Simple to use, with on device sound and data recording

technology

UltraTEV

Safer, Stronger, Smarter Networks

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