

Detect partial discharge before it becomes downtime.

Non-invasive measurements reveal early insulation deterioration while your electrical installation remains in service.

AN EARLY WARNING INSIDE YOUR INSTALLATION

Partial discharge (PD) can indicate developing insulation defects in medium- and high-voltage equipment. The damage is cumulative and irreversible. Left unmanaged, it can lead to insulation breakdown, component failure and unplanned outages.

We detect PD activity using two different measurement methods:



Acoustic detection

Ultrasonic signals are detected without opening or modifying the installation.



TEV detection

Transient Earth Voltage measurements register short-duration voltage pulses on earthed metal surfaces.



USEFUL INSIGHT, WITHOUT DISRUPTING OPERATIONS

- | | | | |
|---|--|---|---|
| ✓ NO SHUTDOWN
Installation remains in service | ✓ NON-INVASIVE
No dismantling or intrusive access required | ✓ NO MODIFICATIONS
No installation modifications required | ✓ BRAND-INDEPENDENT
Objective insight across equipment brands |
|---|--|---|---|

TURN READINGS INTO A MAINTENANCE STRATEGY

Periodic measurements build a trend over time. Changes become visible earlier, so investigation or replacement can be planned during a scheduled shutdown – before the installation decides the timing for you.

**UltraTEV
Plus 2**

EA Technology
Acoustic + TEV