

SENSORS

Epoxy Mica Capacitors



Sensors to detect partial discharge activity in electrical equipment on-line and off-line

Stator Slot Couplers

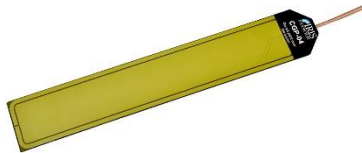


Sensors to detect stator winding partial discharge in large operating turbine generators

EVAII fiber optic accelerometer to detect stator endwinding vibration



Air Gap Sensor to measure air gap between rotor surface and stator core



Flux Probes to detect shorted rotor winding turns via magnetic flux

TFProbe—For motors and generators with round or salient pole rotors and air gap smaller than 50 mm



FFProbe—For turbine generators with over 50 mm air gap



CONTINUOUS ON-LINE MONITORING

TracII™ System



- **PDTracII** system provides automated, continuous partial discharge (PD) monitoring with configurable alarms that initiate on high partial discharge levels.

GuardII+™ Systems



GuardII+™ Systems

GuardII+ is a high resolution continuous online monitor for the stator and rotor windings of large generators and electric motors, monitoring up to 4 technologies:

- Partial Discharge for stators
- Stator endwinding vibration
- Shorted rotor turns
- Shaft voltage and current

AGTracII™



The Iris Power **AGTracII** is an efficient tool for online monitoring of the air gap. It uses low profile capacitive sensors designed for accurate distance measurement. It provides complete real time analysis, alarm management and trending and can provide protective functionality.

PORTABLE ON-LINE INSTRUMENTS

PDA-IV™ & TGA™



Portable instruments to perform partial discharge tests on motors, generators, dry type transformers, switchgear and IPB on-line and off-line

RFAII-R™ & RFAII-S™



Portable instrument to detect rotor winding insulation problems in round and salient pole rotors in generators and synchronous motors

MDSP3™



Portable instrument to detect motor rotor cage winding faults and air gap eccentricity

OFF-LINE TEST INSTRUMENTS

EL CID™ Evolution



Detects and records shorted stator core laminations

Stator Wedge Analyzer™



Objectively tests stator winding wedge tightness

RIV 800 & Camera System



Robotic inspection and core testing vehicle with rotor in place

PPM 97™



Detects partial discharge location in rotating machine stator windings

DCR-60™



Tests stator windings with this accurate, ramping direct high voltage test to 60 kV dc

DRA3™



Dielectric Response Analyzer measures polarization and depolarization currents
Tests up to 10 kV dc

PowerMaxx™



Customized mobile high voltage test system up to 15 kV ac, including transformer

DeltaMaxx™



Compact digital loss factor, capacitance and partial discharge analyzer, up to 50 kV

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