

SENSORS					
Epoxy Mica CapacitorsSensors to detect partial discharge activity in electrical equipment on-line and off-line	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 ro TFProbe—For motors and generators with round or salient pole rotors and air gap smaller than 50 mm	tor winding turns via magnetic flux FFProbe —For turbine generators with over 50 mm air gap			
CONTINUOUS ON-LINE MONITORING Tracll [™] System GuardII+ [™] Systems AGTraclI [™]					
 PDTracll system provides automated, continuous partial discharge (PD) monitoring with configurable alarms that initiate on high partial discharge levels. 	Image: Constant of the second sec	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

$\mathbf{PDA}\text{-}\mathbf{IV}^{\mathsf{TM}} \And \mathbf{TGA}^{\mathsf{TM}}$



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



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 Ar	alyzer [™] 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	



