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PD Detector Pro A New Generation in Handheld PD Spot Testing

PD Detector Pro™

PD Detector™ Pro brings new innovation, ground-breaking functionality and advanced design to deliver a new generation in handheld PD Spot Testing.

Building on IPEC's market leading technology, the PD Detector Pro brings new features to ensure the most accurate testing of your HV assets.

The PD Detector Pro is an efficient and easy to use tool to detect PD in MV and HV assets. Compatible with a wide range of sensors, the PD Detector Pro can be used on multiple assets to easily identify and quantify Partial Discharge. The large colour touch screen makes analysis clear and simple and data storage with integrated software give a clear picture of asset health over time.

The PD Detector Pro features advanced noise rejection algorithms to effectively filter out background electrical noise, displaying both PD and Noise level for the user.

Applications, 5kV+

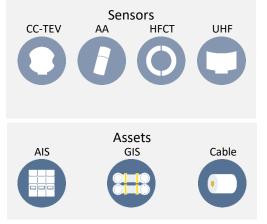
- Air Insulated Switchgear (AIS)
- Gas Insulated Switchgear (GIS)
- Cables
- Outdoor switchyards (with accessory)

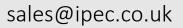


Key Features

- PD and Noise Shows both PD and noise level simultaneously
- PD Sensors TEV, HFCT, Ultrasonic, UHF, VDS
- Audio on all Sensors Hear the PD from any sensor
- PD Data PD, PRPD, PRPS
- Wireless Sync In-built- Automatically locks on to exact 50/60Hz frequency from HV assets - wireless sync in-built into device
- 3.5" Widescreen Touchscreen Widescreen for larger PRPD and data views
- Internal Storage Save PD data for analysis & reporting
- Multi Language English, Arabic, Chinese, French and more
- PD Smart Hub[™] IPEC's new centralised data management and analysis • tool
- PC or Cloud Sync Sync data locally to your PC with the included software, or sync remotely to the cloud for access across devices

Compatible Sensors & Asset Types





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Technical Specification

PD Detector Pro

Measurements		
PD Sensors	TEV	WW
	Ultrasonic (AA)	•••
	HFCT	
	UHF	
	VDS	
Other Sensors	Temperature and Humidity	
Hardware		
Enclosure	Injection moulded plastic case	
Display and Control	High Resolution Colour Touchscreen	
Connectors	USB-C: Power and Communication	
	Coded connector: Auto Detect Sensors	_
Operating Environment		
Operating Temperature	-20°C to 50°C	
Humidity	0 - 95% RH non-condensing	PD D
IP Rating	54	PD D
Application		Peli®
Communication	USB-C	Func
Data Storage	Local PC or Customer Cloud Server	
Data Access	Local PC or Web front end	Optio
Results	PD Level, Noise Level, PRPD, PRPS	3M P
		HFCT
Compliance	CE-compliant in accordance with EMC	UHF
	Directive (2014/30/EU)	Flexil
	IEC 62478: High voltage test techniques -	Paral
	Measurement of partial discharges by	
	electromagnetic and acoustic methods	Cont
		VDS
Designed and m	anufactured in the United Kingdom	Kit P

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PD Detector Pro Kits
PD Detector Pro
Peli [®] Carry case
Function Tester
Optional Accessories
3M Peltor [®] Industrial hardhat earphones
HFCT Sensor
UHF Sensor
Flexible AA Probe
Parabolic Reflector
Contact Acoustic
VDS
Kit Packages available

PD Smart Hub Software

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PD Data Storage and History	IPEC Website Dashboard		HOME I STILL PRINCIPARINE			
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