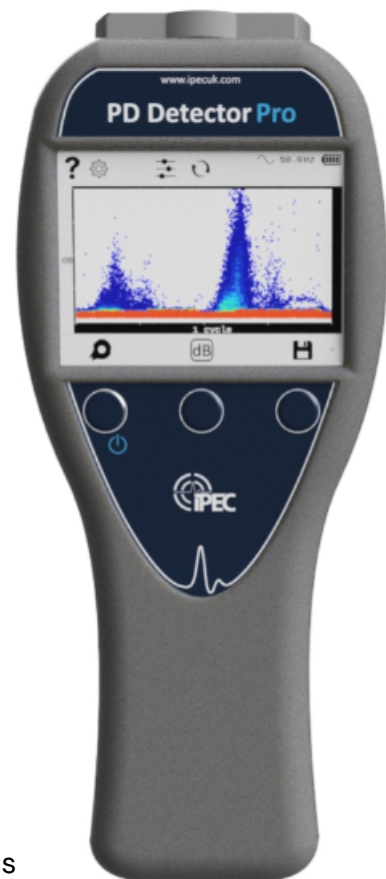


PD DETECTOR PRO

(Is designed and manufactured by IPEC Ltd)

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



PD Detector Pro™

PD Detector™: is designed and manufactured by IPEC Ltd 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.

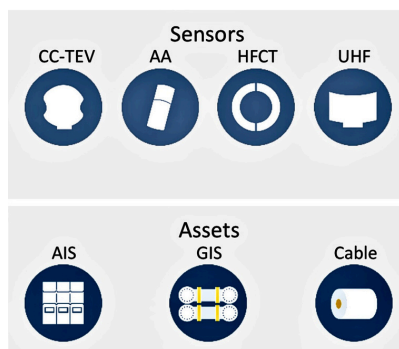
The PD Detector Pro is an efficient and easy to use tool to detect PD in MV and HV assets. Compatible with a wide range of sensors, the PD Detector Pro can be used on multiple assets to easily identify and quantify Partial Discharge. The large colour touch screen makes analysis clear and simple and data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



Compatible Sensors & Asset Types



Technical Specification

PD Detector Pro

Measurements	
PD Sensors	
	TEV
	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
IP Rating	54
Application	5
Communication	
Data Storage	Local PC or Customer Cloud Server
Data Access	Local PC or Web front end
Results	PD Level, Noise Level, PRPD, PRPS
Compliance	CE-compliant in accordance with EMC Directive (2014/30/EU) IEC 62478: High voltage test techniques - Measurement of partial discharges by electromagnetic and acoustic methods
Designed and manufactured in the United Kingdom	



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

Features	
PD Data Storage and History	
Scalable PD data trends	
PRPD displays	
Alerts and Alarms	
High PD warnings	
Custom Reports	

