

PDM5000

Multi-Functional Partial Discharge Detector



SATIR PDM5000 is a new release that is an multi-functional partial discharge detector that is suitable for industry.

Key Features

- Support UHF, HFCT, TEV, AE, AA detection
- Using mobile phones or tablets for control
- Detection data can be shared in real time
- Built-in selectable band filter
- Supports on-site photo and video shooting



PDM5000 Specifications

Model	PDM5000
Detection method	UHF, HFCT, TEV, AE, AA
UHF ultra high frequency detection frequency band	300~1500MHz
UHF built-in filter	All pass, low pass, high pass
UHF ultra high frequency sensor equivalent height	>10mm
UHF ultra high frequency detection dynamic range	-70~0dBm
HFCT high frequency detection band	2~30MHz
HFCT high frequency sensor transmission impedance	>10 mV/mA
HFCT high frequency detection dynamic range	0~60dBmV
AE contact ultrasonic detection frequency band	20~300kHz
AA non-contact ultrasonic detection frequency band	40±1kHz
AA ultrasonic detection dynamic range	-8~68dBμV
AE ultrasonic testing dynamic range	0~60dBmV
TEV transient ground voltage detection frequency band	3~100MHz
TEV transient ground voltage detection dynamic range	0~60dBmV
Operating temperature	-20 ~ +45 ℃
Host size	158*104*36.8mm
Data transmission method	WIFI
Power frequency synchronization method	Synchronization for the internal(50Hz) and power supply
Power supply	Built-in lithium battery and external power bank available

Please be aware specifications can vary from time to time