

PRPDreplay

PD pattern sequence and sync. generator



- Intuitive touch display operation
- Robust Explorer case
- Battery driven (up to eight hours continuous operation)
- Fully operational even while charging
- Ability to load customer supplied pattern from USB storage
- 2x12-bit D/A converter
- Embedded software
- Set of typical PD patterns included

DESCRIPTION

The PRPDreplay is a portable pattern impulse sequence and synchronisation signal generator. It allows the replay of partial discharge data sets recorded and stored with Power Diagnostix instruments, such as the ICMsystem, ICMcompact, ICMmonitor, etc. The instrument provides the analogue signals of the PD pulses and of the synchronisation voltage for further processing. Raw data can be imported via USB port from DAT, DTC, or DT2 files.

The device is battery operated and comes with a set of default phase resolved partial discharge patterns.

The PRPDreplay is the ideal solution for

- Research, education, and training
- Offline PD signal simulation
- Sensitivity and PD device checks
- AI training purposes

TECHNICAL DATA

Power requirements:	USB-C power delivery ≥ 10 W
Display:	Backlit LCD, with capacitive touch
Display resolution:	800 x 480 pixels
Built-in memory:	SD card, 32 GB
Data input:	USB Type-A 2.0
PD output:	± 2.5 V, BNC
PD output modes:	MF, VHF, UHF
Sync. output (U):	± 10 V, BNC
Operation temperature:	-20–55 °C 0–45 °C while charging (non-condensing)
Size: (L x W x H)	216 x 180 x 102 mm ³
Weight:	Approx. 2.5 kg

ORDERING INFORMATION

Description	Order no.	Including
PRPDreplay	PX10800	USB-C power delivery charger

SALES OFFICE

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ISO 9001, ISO 14001
ISO 17025, ISO 45001