

## PD Scan DB-1 PD Simulator box for training purposes



- Ideal for hands-on training on PD Scan without going into the field
- Generates measurable TEV, HFCT and acoustic PD signals For testing and check all available external
- Individually adjustable PD level and pulses per cycle
- Can also be used for TEV localisation mode

### DESCRIPTION

The PD Scan DB-1 is a battery-operated PD simulator box that can be used to test and demonstrate all functionalities of the partial discharge handheld scanner PD Scan. It is therefore ideal for in-house product training and maximizes the efficiency of the training time. Going into the field, and then also find test objects where all test modes can be used, can be very time consuming, if possible at all.

Having selectable modes for TEV, TEV localization, HFCT and acoustic, all measurement scenarios of the PD Scan can be simulated and trained for. Apart from selecting the test modes one can individually adjust the PD level and the pulses per cycle in 4 different stages.

As the unit is battery-operated using 4 AA-batteries one is not tied to a mains power supply, above that as of the magnetic place holders, one can even attach the PD simulator box to metallic objects such as switchgear allowing a high degree of flexibility in use.

### TECHNICAL DATA

Battery	4 x AA-Batteries
Operating time	>50 hours (if standard AA batteries with 2 000 mAh are used)
Level of transmitted pulses	Adjustable (low, moderate, high, random)
Transmitted pulses per cycle	Adjustable (2, 8, 20, random)
Frequency of acoustic pulses	40 kHz
IP protection class	IP42
Temperature	
Operation	-10 °C ... 55 °C 14 °F ... 131 °F
Storage	-20 °C ... 70 °C -4 °F ... 158 °F
Relative humidity	93% at 30 °C/86 °F (non-condensing)
Dimensions (W x H x D)	235 x 73 x 135 mm 9.3 in. x 2.9 in. x 5.3 in.
Weight	795 g

### ORDERING INFORMATION

Product	Order no.
<b>PD Scan-DB-1</b>	<b>1011423</b>
PD Scan-DB-1, transport case and 8 AA-batteries	

\* We reserve the right to make technical changes.