

HBD-1 Bridge Impedance

Bridge Measuring Impedance for decoupling of Partial Discharge signals

- Decoupling of PD current pulses through the bridge circuit as defined in the standard IEC 60270 and converting into voltage pulses to transfer to a PD measuring instrument
- Higher measurement sensitivity compared to a conventional PD measuring circuit
- Two channels for connection to low voltage sides of the test object and coupling capacitor
- Rejects external disturbances
- Built-in amplifier for increased signal-to-noise-ratio
- Signal bandwidth of the transformer > 20 MHz at 50 Ω , lower cut-off frequency < 100 kHz
- Over-voltage protection circuit for input channels built in
- Grounding with robust clamping rail or jack

Specification HBD-1

Signal inputs	Test object, Coupling capacitor, Ground
Signal input connectors	Pole clamp, 4 mm jack, outer diameter 6 mm, Additional BNC-jack (female) for input channels
Signal output	PD Pulse
Signal output connector	BNC-jack (female)
LED indicator	Amplifier On
Power supply	Battery 9 V (6 x 1.5 V AA size)
Dimensions, approx.	Length: 220 mm Width: 155 mm Height: 110 mm Weight: 1.6 kg



Related Products

PD Calibrator HTC-1 	Filter Unit HTF-1 	Splitting Box HSB-1 	PD Coupler HCD-24 
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