

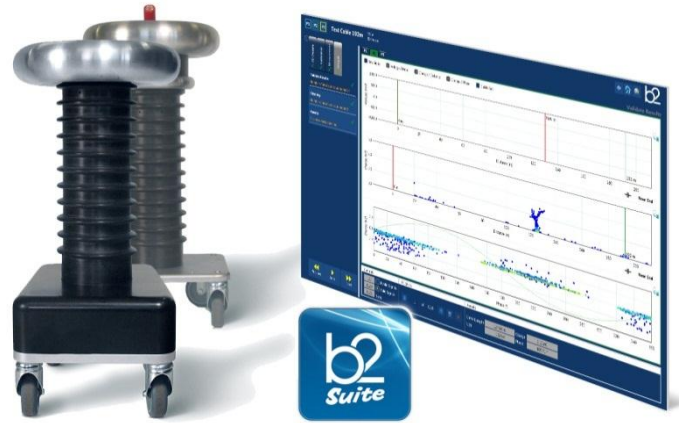
- **b2 Suite®** - comprehensive **Diagnostics Software and Data Bank**
- **Automatic and manual diagnostics modes**
- **Saves data automatically**
- **Sets parameters and recommends settings**
- **Leads the operator through diagnostics step by step**
- **Extremely easy and quick reporting**
- **Complete cable length display with PD activities**
- **High noise reduction**
- **PD locating – PD mapping**
- **PD magnitude**

# PD90-2

## Partial Discharge Diagnostics System

The b2 electronic GmbH high voltage Test System **PD90-2** offers both portable and build-in solutions diagnostics of medium voltage cables, rotating machines and transformers.

The comprehensive control and diagnostics software **b2 Suite®** makes the process of diagnostics easy as never before, guiding the operator through the entire process. The Data Bank solutions of **b2 Suite®** makes data processing and availability for future references accessible in a few click's.



Representative images

### Partial Discharge Diagnostics

<b>Article Number</b>	SH0236	
<b>Operating Voltage</b>	<b>Sinusoidal</b>	1 - 64 kV rms / 90 kV peak
	<b>Frequency</b>	0,1 Hz
<b>HV Coupling Capacitor</b>	<b>Filter Capacitance</b>	1 nF
	<b>Dimensions</b>	L 300 x H 710 x W 250 mm - 19,5 kg
<b>HV Filter</b>	<b>Dimensions</b>	L 300 x H 770 x 250 mm– 16,5 kg
<b>Measuring Range</b>	12.800 m at 80 m/μs	
<b>PD background level</b>	10 pC	
<b>Sample rate</b>	10 ns	
<b>Input Impedance</b>	10 kΩ / 50 pF	
<b>Bandwidth</b>	100 MHz	

### Control and Diagnostic Software b2 Suite®

<b>Features</b>	<ul style="list-style-type: none"> <li>• 0,1 Hz PD Diagnostics</li> <li>• Automatic or manual modes for PD Diagnostics</li> <li>• Guided Diagnostics Process</li> <li>• Comprehensive Data Bank</li> <li>• Sets or recommends measuring parameters</li> <li>• Extremely easy reporting</li> </ul>
<b>Control</b>	b2 VLF generator control, PD Diagnostics
<b>Measurement</b>	Cable length with PD activities, PD Location, PD Mapping, PD Magnitude, Sine Wave Imposed display, Background Noise, PDIV and PDEV, etc...
<b>System requirements</b>	MS Windows 7

Please note: VLF (0,1 Hz) high voltage generator (required) is not in scope of delivery.

b2 High-Voltage  
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ENGLISH

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