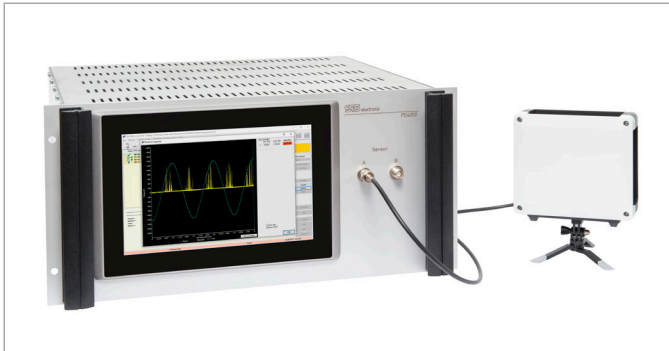


# DATA SHEET

## Partial discharge tester PD 4000B



Partial discharge tester PD 4000B with active microwave antenna  
Plug-in 19" / 5 HU

<b>Description</b>	The 2 channel partial discharge tester is the best choice for production or use in the laboratory. Both in the surge test and in the high voltage test, the devices can be used with three different active sensors. Two sensors can be used at the same time. Therefore, even under difficult conditions, e.g. in an industrial environment, reproducible measurements are ensured.	
<b>Input HF</b>	Channel / Sensor A	TNC socket 50 Ω impedance ± 20 V peak max.
	Channel / Sensor B	TNC socket 50 Ω impedance ± 20 V peak max. or switchable to 1 MΩ, 15 pF for external voltage divider
<b>Measurement HF</b>	Frequency range	1 up to 2 GHz broadband
	Sensitivity	approx. -90 up to -30 dBm
	Damping in the stop band	120 dB
	Time basis	1 ns (1 GS/s)
	Rise time	3.5 ns
	Memory	256 MS
<b>Input HV</b>	Voltage measurement	5,500 V AC / 6,000 V DC
	Input impedance	2 x 90 MΩ against earth, potential free
	Differential probe	abs. max. 18 kV peak, < 100 Hz
<b>External trigger</b>	± 5 V peak max.	
<b>Automatic evaluation</b>	<ul style="list-style-type: none"> <li>• Limit value partial discharge</li> <li>• Limit value partial discharge with phase</li> <li>• PDIV inception voltage</li> <li>• PDEV extinction voltage</li> </ul>	
<b>General data</b>	Error message	optical
	PC-Software	DAT 3805
	Dimensions (HxWxD) and weight	222 x 483 x 491 mm / approx. 12 kg 8.7 x 19.0 x 19.3 in. / approx. 26.5 lbs
	Mains supply	115 V / 230 V, 50 Hz / 60 Hz
<b>Interfaces</b>	Computer interfaces	USB, Ethernet / LAN, RS 232
<b>Operation</b>	Touch	10.1" colour display