

# Test Verification Box

## Series D

A dummy test must be carried out regularly in every series production. The test verification box simulates faults for all important safety tests. In contrast to calibration, the dummy test only takes a few minutes. The test verification box itself must be calibrated at least once a year, just like the test device or test system.

The test verification boxes from SPS electronic are used to regularly check the functionality of all standard devices and test systems. For this purpose, the test verification box is

connected to the test device in place of the DUT and a "GOOD / FAIL" simulation is carried out. Only with a daily check can you be sure that your products function perfectly in terms of safety - and in the worst case avoid expensive recalls.

Each test verification box consists of a connection option to the tester and one or more resistors and/or inductors. The test verification boxes from SPS electronic have a high-quality finish and are available in different versions.

		Test Verification Box Series D					
		D 1885	D 2001	D 2005	D 2120	D 2012	D 4010
General Data		Function test (cos $\varphi$ 0 / 0,5 for performance test)	High voltage test (1 mA / kV)	High voltage test (5 mA / kV)	High voltage test / UL-application (120 k $\Omega$ )	High voltage / insulation / Ground bond / Line leakage test	Partial discharge HV/ST
Safety		Application only in the test bay					
Connection		IEC Socket, Test Probe / High Voltage Test Probe					
Dimensions (approx.)	Height	56 mm   2.2 in	90 mm   3.5 in	90 mm   3.5 in	90 mm   3.5 in	90 mm   3.5 in	55 mm   2.2 in
	Width	81 mm   3.2 in	120 mm   4.7 in	120 mm   4.7 in	120 mm   4.7 in	160 mm   6.3 in	160 mm   6.3 in
	Depth	83 mm   3.3 in	80 mm   3.1 in	80 mm   3.1 in	80 mm   3.1 in	120 mm   4.7 in	80 mm   3.1 in