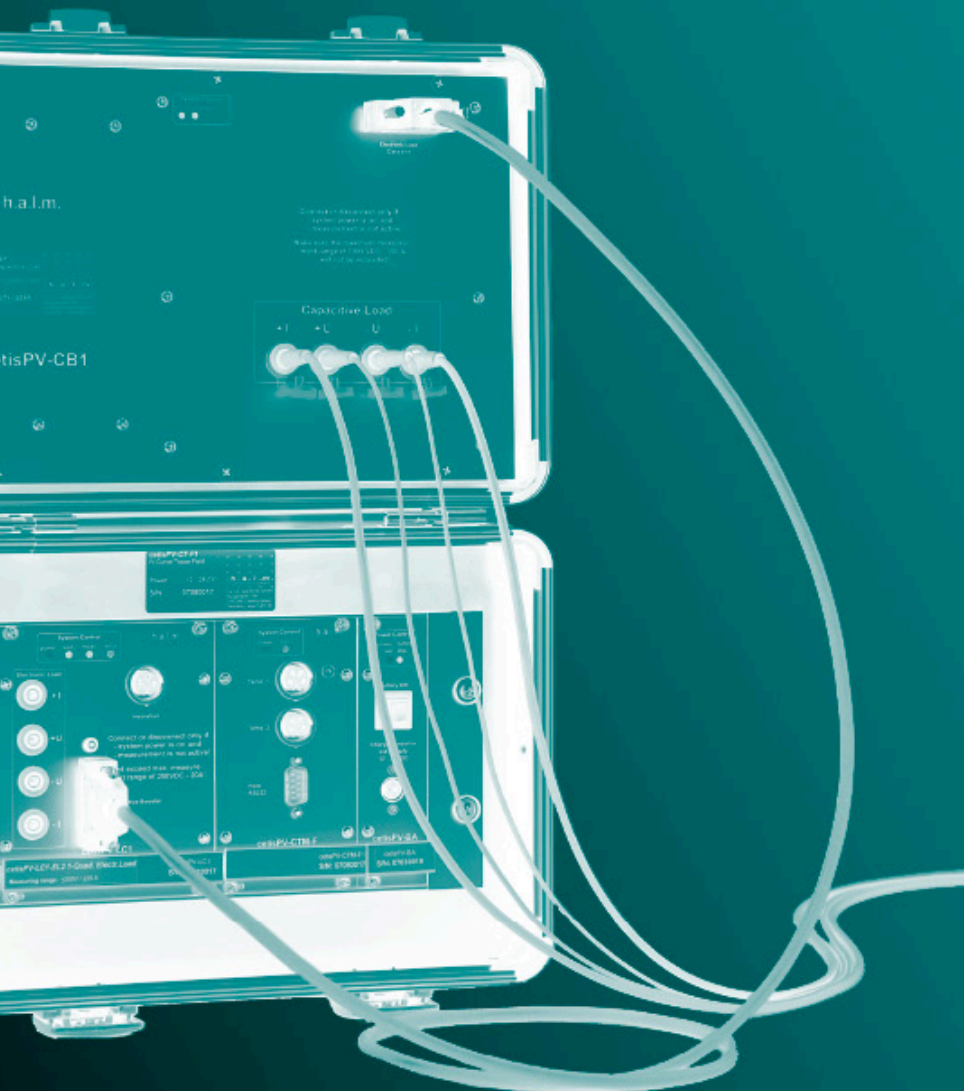


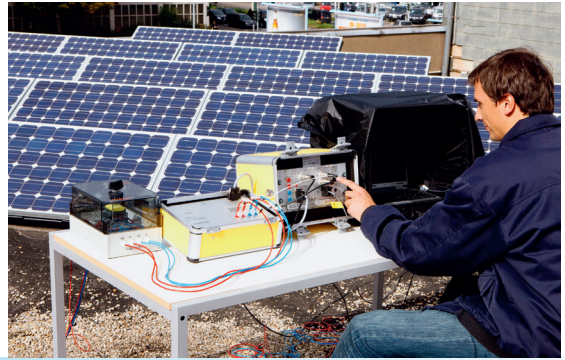
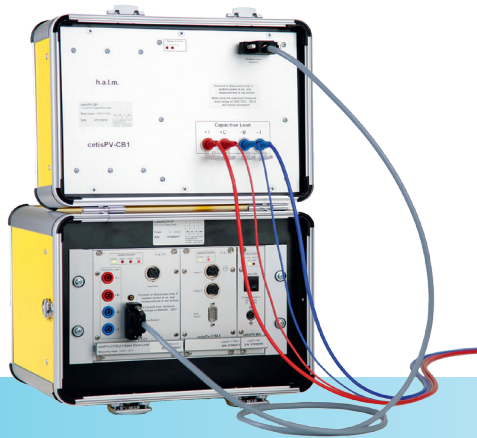


cetisPV- Outdoortest

High-precision tester for outdoor
IV measurements of solar modules
and strings



cetisPV product line



cetisPV- Outdoortest

High-precision tester for outdoor IV measurements of solar modules and strings

The portable [cetisPV-Outdoortest](#) is a curve tracer for outdoor measurements of solar modules and strings. Its key features, high-precision measurement electronics, a wide range of applications and high durability, set it apart from other outdoor testers.

The system is equipped with an IV curve tracer featuring a 3-channel 16-bit AD converter with an electronic load for synchronous measurement of current, voltage, and irradiance. Since the measurement duration can be adjusted over a wide range, capacitance effects for highest efficiency modules can be detected and eliminated.

The system can be controlled by any PC using the versatile [PVControl](#) software, which allows instant and in-depth data analysis. It is also capable of long-term serial measurements for yield analysis and can be controlled remotely.

The optional [cetisPV-CB1](#), a capacitive load, extends the measuring possibilities to up to 1,000 V and 100 A. Therefore, the system can even be used to compare the output of individual strings which enables the system to perform a faster loss analysis.

Technical specifications

Load type	electronic load	capacitive load (optional)
Voltage range	250 / 125 / 50 / 25 / 12.5 V	1,000 / 500 / 200 / 100 V
Current range	20 / 10 / 4 / 2 A	100 / 50 / 20 / 10 A
Current/voltage resolution	< 0.004% (3 independent 16-bit voltage, current and irradiance channels)	
Sensor inputs (irradiance/temperature)	0 – 150 mV / -10 – 100°C	
Power supply	12 – 24 V DC or internal battery pack (up to 8 hrs. operation time)	
Dimensions/Weight	310 mm x 210 mm x 320 mm / 8 kg (12 kg with cetisPV-CB1)	