

IEC/TS 61934
IEC/TS 60034-27-5
IEC 60034-18-41

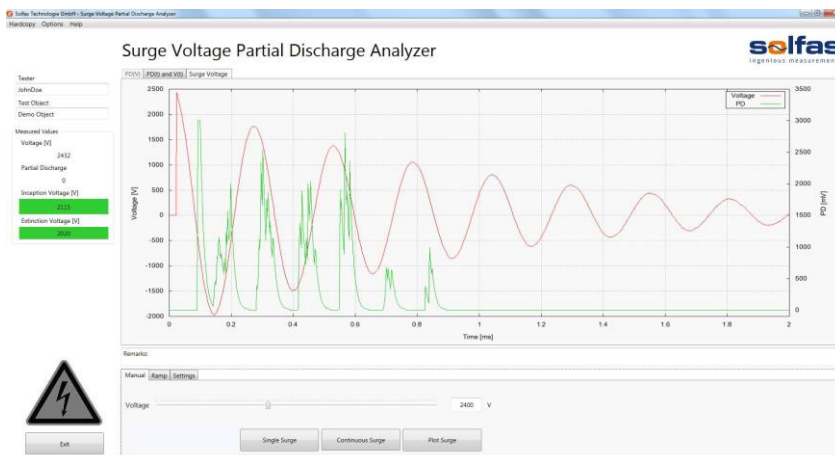


STA COMPACT 3kV / 6kV SURGE VOLTAGE PD ANALYZER

PARTIAL DISCHARGE TESTING WITH HIGH SENSITIVITY

The STA Compact Tester is a complete solution for PD testing with impulse voltage according to the standards IEC/TS 61934, IEC 60034-18-41 and IEC/TS 60034-27-5.

The comfortable testing software allows manual operation as well as the automatic measurement of PD inception and extinction voltages (PDIV, PDEV, RPDIV, RPDEV).



KEY FEATURES

- PD testing with impulse voltage
- PC controlled test system
- Surge voltage up to 3kV / 6kV
- Small 19" 3U device
- Automatic measurement of
 - PD inception voltage PDIV
 - PD extinction voltage PDEV
 - Repetitive PD inception voltage
 - Repetitive PD extinction voltage

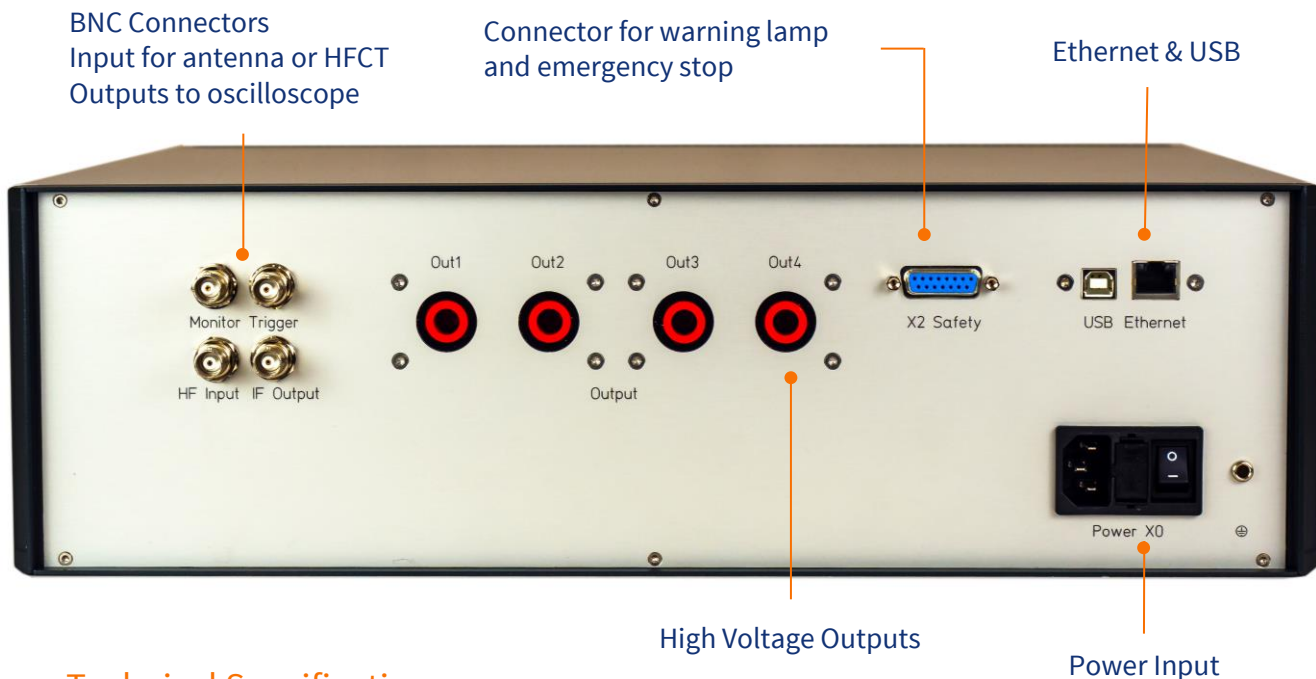
KEY BENEFITS

- Compact and portable solution
- Highest sensitivity measurement
- Easy-to-use software
- Non-destructive insulation tests
- Less failures, lower service costs, quality improvement

APPLICATIONS

- Electrical motor & stator testing
- Research and development
- Industrial production test
- Test of wirewound products such as chokes, transformers, coils

STA Compact Rear Connectors



Technical Specifications

	STA Compact 3kV	STA Compact 6kV
Output voltage	0.3-3 kV _p	0.6-6k V _p
Surge capacitance	100 nF	100nF
Surge energy	450 mJ	1800 mJ
Impulse repetition rate	1 – 10 Hz	1 – 5 Hz
Impulse rise time	200 ns	
Interfaces	USB + Ethernet	
Safety	Connection for external emergency stop, safety circuit, warning lamps	
Power Supply	80-240VAC, 50-60Hz	
Dimensions (WxHxD)	449 x 133 x 495mm (19" 3HU) weight 8.5kg	

Ordering Information

Partial Discharge Tester STA Compact	Order number
STA Compact 3kV - 2 Outputs	STA-COMP-3
STA Compact 6kV - 2 Outputs	STA-COMP-6
STA Compact 3kV - 4 Outputs	STA-COMP-3-40
STA Compact 6kV - 4 Outputs	STA-COMP-6-40

Scope of Supply

STA Compact + STA Compact Software + Control Unit
 Accessories set (test leads set + connection cable set)
 Antenna PD sensor
 Instruction manual + Calibration certificate

Optional Accessories

Warning Lamp Red / Green

ACC-WL1

SOLFAS TECHNOLOGIE GMBH

We specialize in the development and distribution of test systems, power supplies and measuring instruments. Experts in electrical testing and automation, our company offers a broad range of high-performance full-service testing solutions and measuring instruments. We provide clients in the automotive, aerospace, energy and traditional industry sectors with the equipment they need to test high power components, such as chokes, transformers and electric motors.