

**ACHIEVE MORE**

**0.5J OVERVOLTAGE TESTERS FROM 500V TO 15KV**



**Generator Versions**

Impulse overvoltage testers for energy measurement systems. 1.2/50 µs from 500V to 15kV. Breakdown detection in generator.	Product Name	Possible Tests	Standards
	INS-0805	1.2/50 µs 0.5J voltage up to 8 kV	IEC 62052-11, IEC 60255-27, EN 50470-1
	INS-1250-15K	1.2/50 µs voltage up to 15 kV	IEC 61850-3, IEC 61180-1/2, IEC 60060
	NW-INS-0.5J	1.2/50 µs 0.5J voltage up to 15 kV	Special requirements

**Features**

- > 0.5J energy impulse up to 15 kV
- > Freely programmable impulse levels
- > Peak impulse voltage measurement
- > Programmable breakdown detection
- > Direct control of DSO from INS generator
- > Fixed 500 ohm impedance at all levels

**Benefits**

- > Safe test environment
- > Covers all known standards
- > New fully integrated accessories
- > Easy connection to test object
- > Ideal for product development
- > Modern easy to use software

**Accessories**

**Software Suite**

TEMA3000 enables a fast and effective setup creation and testing control for professional test labs.

Product name	Accessory type
TC-ST	Test cabinet with interlock circuit
OPT-INS-MEAS	Intelligent measurement board with U/I integral calculation
EMERGENCY STOP	Extension up to 5m from generator
WARNING-LAMP	Warning lamp with IEC / VDE safety features
INS-DSO	Control of DSO directly from INS-0805
ACCREDITED CAL	Accredited Calibration at EMC PARTNER AG (SCS No. 0146)