

Pulse Voltage
- 5.8kV
Frequency 49.9 Hz
Equip. DC Voltage 4.67V



Quality – to play safe!

ISOTEST HV conti

... in-plant high-voltage voltmeter for impulse voltages

- Testing of in-plant and stationary holiday detector systems
ISOTEST act according to general rules and standards
- Suitable for continuous operation (three shifts)
- Interfaces for the external documentation of test voltages and operating states
- Highest interference resistance in the measurement analysis thanks to state-of-the-art optical fibre technology

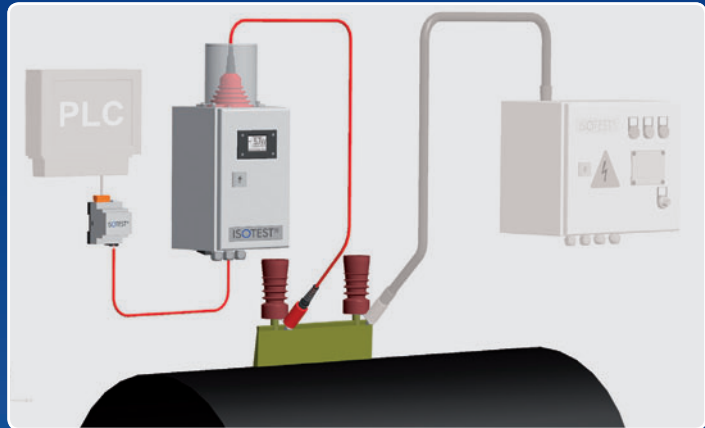
ISOTEST HV conti

Application

The stationary ISOTEST HV conti allows the precise measuring of impulse test voltages of ISOTEST act and ISOTEST-Automat testing devices.

Thanks to the separate measuring method – directly on the testing electrode under load – the inspection process is “online” monitored and complies with all general rules and standards.

The ISOTEST HV conti is equipped with various interfaces. This allows the connection to external protocol devices and therefore the integration in your process documentation. In this case, the transmission of measurement signals from the device to the evaluation unit is carried out by means of optical data transmission and ensures a maximum of interference resistance and of measurement reliability.



ISOTEST HV conti for permanent and external revision of high voltage testing with ISOTEST act devices



All ISOTEST HV testing devices carry the CE label.

Technical data

ISOTEST HV conti

Testing range	1.0 – 30.0 kV impulse voltage
Resolution	100 V
Voltage supply	100 – 230 VAC / 50 – 60 Hz
Power supply	~ 20 W
Inputs	high voltage input
Outputs	transmitter for fibre optics POF 2.2/1 mm (for connecting to interface type ISOHVMON)
Permissible ambient temperature	0° C ... +40° C (thermal constant > 10 K/h)
Housing dimensions (W x D x H)	260 x 160 x 460 mm
Weight	5 kg (without accessories)

Interface type ISOHVMON

Inputs	receiver for fibre optics POF 2.2/1 mm (for connecting to ISOTEST HV conti)
Outputs	2 analogue outputs 0 – 10 VDC 2 switching outputs (potential-free, max. 30 V / 200 mA) 1 transmitter for fibre optics POF 2,2/1 mm
Voltage supply	24 VDC
Power supply	~ 4 W
Interface	USB type B
Permissible ambient temperature	0° C ... +40° C (thermal constant > 10 K/h)
Dimensions (W x D x H)	70 x 60 x 90 mm (incl. mounting for DIN rail TX35)
Weight	0.12 kg (without accessories)

Scope of supply

ISOTEST HV conti
3 m high-voltage cable
10 m fibre optic cable
interface type ISOHVMON incl. power supply unit
software “ELMED ISOTEST HV Monitor Control” (for parameterization of the output signals)
works / calibration certificate
operation manual

Revisions in the course of technical progress reserved.

