

ISOTEST[®] act

In-Plant Holiday Detectors & Accessories for Coatings, Wrappings and Foils



The shipment is executed according to our terms of delivery.

Revisions in the course of technical progress reserved.

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ISOTEST® act Testing Devices

Part-No.: 0118100014

Part-No.: 0111000004



ISOTEST® act 8.0

ISOTEST® act 35

Test voltages:
from 0.5 – 8.0 kV in 0.5 kV steps (**ISOTEST® act 8.0**)
from 7.5 – 35.0 kV in 2.5 kV steps (**ISOTEST® act 35**)

Alternative test voltage ranges upon request

Scope of supply:

Testing device, high voltage cable (length: 3 m), works and calibration certificate

Part-No.: 0111000003



ISOTEST® act P2

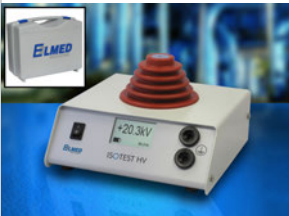
Test voltages:
2.5 kV / 3.0 kV / 3.5 kV / 4.0 kV / 10.0 kV / 15.0 kV / 20.0 kV / 25.0 kV

Alternative test voltage combinations upon request

Scope of supply:

Testing device, high voltage cable (length: 3 m), works and calibration certificate

Part-No.: 0190000140



ISOTEST® HV

High voltage voltmeter for impulse voltage

Measuring range:

Impulse voltage: 5.0 – 35.0 kV

Scope of supply:

Measuring instrument, battery set, measuring accessories, transport box, works and calibration certificate

Part-No.: 0190000160

ISOTEST® HV high voltage measuring cable 2.5 m with insulated handle

for use with ISOTEST® act testing devices

Part-No.: 0190000151



ISOTEST® HV conti

High voltage voltmeter for pulse-type voltages including external interface unit ISOHVMON with optical transmission

Measuring range:

Impulse voltage: 1.0 – 30.0 kV

Scope of supply:

ISOTEST® HV conti, high voltage instrument cable (length: 3 m), fibre optics cable (length: 10 m), interface unit ISOHVMON, configuration software "ELMED ISOTEST® HV Monitor Control", works and calibration certificate

Accessories for Testing & Grounding

Proper grounding of the high voltage testing instrument is an absolutely essential precondition for all high voltage tests. Only by grounding the circuit, which is necessary for the functioning of the system, is closed.



“Phantom-Grounding“ (Capacitive Grounding)

Only while applying pulse voltage a reliable and therefore safe grounding method is possible – even without direct metallic contact to the test object. The test circuit is closed by special brush electrodes using a capacitive coupling. Thus, a fully automated testing with little technical or human effort can be cost-efficiently conducted.

Part-No.: 0281511000

Grounding brush for capacitive grounding (phantom grounding)



Type: brass

Trim height: 120 mm
Total length: 1000 mm

Part-No.: 0166000006

Mounting bracket for up to 6 grounding electrodes



Type: stainless steel

Part-No.: 0166000002

Electrode holder for testing electrodes and grounding brushes



Type: brass
Threaded pin: M6

Part-No.: 0132000100

High Voltage Insulator

for mounting testing electrodes and for applying high voltage



Type RSGA10

Testing Electrodes

Flat Brass Brush Electrodes

Fit for all-purpose application



Trim height: 80 mm

Type:

High quality full brass brushes, extremely robust and durable for best possible testing results.

Length in mm

Part-No.: 0162310201	200
Part-No.: 0162310251	250
Part-No.: 0162310301	300
Part-No.: 0162310351	350
Part-No.: 0162310401	400
Part-No.: 0162310451	450
Part-No.: 0162310501	500

Flat Electrode of Conductive Rubber

Flat electrodes made of special conductive rubber are particularly designed for testing objects with a delicate or thin surface e.g. foils



Trim height: 40 mm

Length in mm

Part-No.: 0162210100	100
Part-No.: 0162210150	150
Part-No.: 0162210200	200
Part-No.: 0162210250	250
Part-No.: 0162210300	300
Part-No.: 0162210350	350
Part-No.: 0162210400	400
Part-No.: 0162210450	450
Part-No.: 0162210500	500

SoftLine flat Brush Electrodes of stainless steel fibres Bekinox

Softline flat brush electrodes made of stainless steel fibres are particularly suited for testing delicate surfaces, e.g. foils



Fibre height: 15 mm

Length in mm

Part-No.: 0162400100	100
Part-No.: 0162400150	150
Part-No.: 0162400200	200
Part-No.: 0162400250	250
Part-No.: 0162400300	300
Part-No.: 0162400350	350
Part-No.: 0162400400	400
Part-No.: 0162400450	450
Part-No.: 0162400500	500
Part-No.: 0162400600	600
Part-No.: 0162400700	700
Part-No.: 0162400800	800
Part-No.: 0162400900	900
Part-No.: 0162401000	1000

Spray Mark System

Part-No.: 0110201035



Spray Mark System ISOTEST® act STC
for locally marking holidays and defects in the coating

Scope of Supply:

Spray mark system STC with liquid container 125 ml for marking ink,
spray mark head SR-1 with 3 m flexible hose

Part-No.: 1601000301

Liquid container 125 ml for marking ink

Part-No.: 1601000302

Marking ink white 1l for marking system (further colours on demand)

Part-No.: 1601000303

Cleaner (CL-FES 090) 1l for spray mark system

Calibration & Service

Part-No.: 0930001012



Calibration and Service ISOTEST® act holiday detectors
including PTB traceable calibration and works certificate

- Test and function control of the electronic
- Test and function control of high voltage generation
- General visual inspection
- Control of the high voltage in relation to the pre-set scale value