

Insulation Test Unit EST-ISO



For laboratory and system application



Insulation Test Unit with Safety Current Limitation

- Test Voltage 500 Vdc
- Safety current limited maximum 4 mA
- PASS / FAIL indicator, optically and acoustically
- Automatic and manual operation
- Adjustable test time
- USB-Interface is standard, Option RS 232-, Ethernet- or Analogue

The insulation test unit EST-ISO is measuring with a test voltage of 500 V DC the insulation resistance of components, units and systems. The resistance measurement range is 0,5 M Ohm to 50 M Ohm. The insulation unit has got safety current limitation which is connected with short switch off times in case of an error. The measurement resolution is 12 bit. The adaption to the test item follows via plug and 4mm plug-in sockets.

Standard Interface is USB, optionally a programming and measurement can occur by analogue-, RS 232- and Ethernet interface. A version without any operating elements -ENC is also available.

Short specification EST-ISO

Type	Meas. Resistance	Voltage Vdc	Current mA	Case
EST-ISO-USB	5 - 50 MOhm	500 Vdc	max. 4mA	235x135x435mm

EAQ

AC
SOURCES

Short specification options EST-ISO

Option	Description
-ETH	Ethernet Interface, Programming and measurement
-RS232	RS232-Interface, Programming and measurement
-ENC	Without operation and indication
-A	Analogue Interface (0...5 Vdc, TTL), Programming and measurement
-EEHV-WIN	Windows Software package EEHV-WIN

EDQ

DC
SOURCES

ExL

ELECTRONIC
LOADS

EST

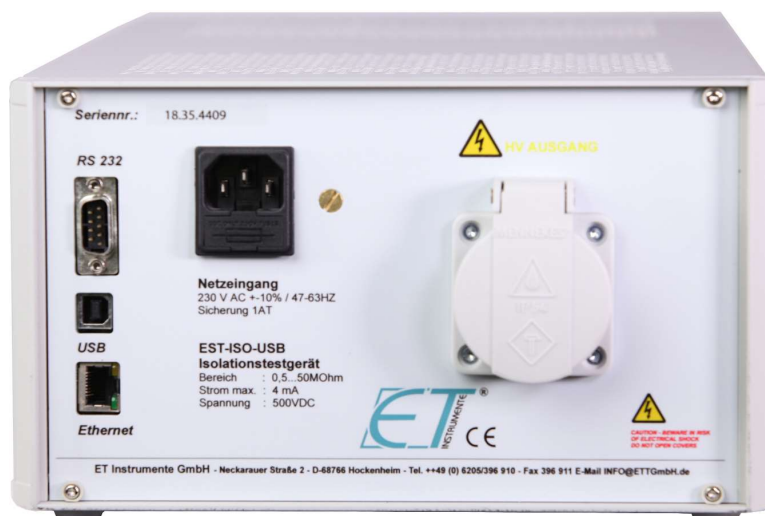
SAFETY TEST
UNITS

ERS

RELAY
SCANNER

EE

TEST SYSTEMS



**Insulation Test Unit
EST-ISO**

Specification

Mains Input	: 230 Vac $\pm$ 10% 47-63 Hz
Accuracy	: < 1.5 %
Ripple	: < 1 %
Operating indic.	: available
Dimension	: 235x135x435m
Dimension with Opt. EK:	3U, 14TE, 380 mm