



**enics**

**enics** adapt

**ST2000**

## Electrical Safety

**Enics Adapt test platform family provides efficient solutions for End of Line testing in volume production. With Enics Adapt Electrical Safety Test platforms it is possible to test both PCBA panels, individual modules and end products.**



### What is it

Enics Adapt ST2000 series safety test platforms are test systems for high voltage, ground continuity and ground bond testing. They are designed to comply with the requirements of electrical safety test for most industrial electronics products in manufacturing environment.

The Enics Adapt ST2000 supports the Enics Production Test Data Collection Tool, Enics Catch. The test platforms are connected to Enics factory MES for full product traceability during manufacturing process. The Enics Adapt ST2000 can be used also in customer premises.

### Where's the Benefit

Enics Adapt ST2000 series provides an ideal and safe solution for comprehensive electrical safety testing. User protection is ensured by walls and safety light curtain connected to the safety protection circuitry.

Fast switchover from one product to another is ensured by using interface between test equipment rack and product-specific test adapter or test cable.

Enics Adapt ST2000 provides safe and efficient testing with off-the-shelf equipment, and proven test software environment.

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#### More information:

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## Technical Data

### Technical Details

- Dimensions (l x d x h)  
552x1781x800
- Weight 140kg
- Operating temperature 5-40°C (-41–104°F)
- Relative humidity 80% max up to 31°C, decreasing linearly to 50% at 40 °C
- Single phase power system  
1x230V / 10A / 45-65Hz
- Indoor use
- Altitude 2000m max

### Adapter Interface

- ODU-MAC Compact Modular Connector System
- Separate modules for High-voltage and Ground continuity measurements

### Key Components

- Safety tester device
- Optional switch unit
- Computer
- Power Distribution Unit (PDU)
- Fixture Interface
- Different safety tester device and channel counts available

### Product Specific Applications

- Working area for DUT & fixture  
(w x h x h)  
520 x 570 x 400mm

### Use Cases

- Electrical safety testing
- Hipot / Dielectric Withstand test
- Insulation Resistance test
- Ground Continuity test
- Ground Bond test

### Standards

- EN61010-1

## Test Measurement Equipment

	Sefelec SXS506	AR 8204	AR 7850
<b>Hipot</b>	6000Vdc/20mA 5000Vac/50mA	6000Vdc/20mA 5000Vac/50mA	6000Vdc 5000Vac/10mA
<b>Isolation Resistance</b>	30 – 1000V 50 kOhm – 200 Gohm	30 – 1000V 0.5 – 50000 Mohm	10 – 6000Vdc 10 kOhm – 50 Gohm
<b>Ground Continuity</b>	0.1mA – 0.1A 1 – 1500 mOhm	0.1mA – 0.1A 0 – 10 Ohm	0.1mA – 1A 0 – 10 kOhm
<b>Ground Bond</b>	3.0 – 8.00 V ac & dc 1.0 – 40 A 1 – 1500 mOhm	3.0 – 8.0 V ac & dc 1.0 – 40 A 0 – 600 mOhm	N/A
<b>Number of channels</b>	1 or 8	1 or 8	1 or 8
<b>Control Bus</b>	RS-232	RS-232	RS-232

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