Enics Adapt FT3000 series is a comprehensive test platform for PCBA level and final testing in electronics production. It is designed to cover all the functional testing requirements of a modern electronics product. The Enics Adapt FT3000 series is CE compliant.

Test features can be customized based on customer product requirements.

The Enics Adapt FT3000 support the Enics Production Test Data Collection Tool, Enics Catch, but is can also be used in customer premises. When used in Enics, the test platforms are connected to Enics factory MES for full product traceability during manufacturing process.

Enics Adapt FT3000 series provides an ideal solution for comprehensive functional testing. Based on customer testing requirements, there are four different Test Platform Configuration options to choose from.

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

Enics Adapt FT3000 provides safe and efficient testing with off-the-shelf equipment, proven test software environment, and the possibility to develop the platform features with future measurement technologies.
Technical Data

Technical Details
- Dimensions (l x d x h): 627x1936x1466
- Weight: 260kg
- Operating temperature: 5-40°C (-41—104°F)
- Operating humidity: 0-90%
- Relative humidity: 80% max up to 31oC, decreasing linearly to 50% at 40 oC
- Three phase power system: 3x400V / 16A / 50Hz
- Indoor use
- Altitude: 2000m max
- Max DUT size: 350 x 230mm

Adapter Interface
- TTI Testron VGR12 Receiver
  - Without vacuum control
  - 1 power blocks VGRCB-32P
  - 6 signal block VGRCP-170H
  - Safety protection incl. emergency stop over HW and SW

Key Components
- Data acquisition equipment
- Oscilloscope
- Power Supplies
- Computer
- Power Distribution Unit (PDU)
- Fixture Interface
- All instruments can be customized

Use Cases
- Functional testing
- Panel level testing
- Software programming of PCBs via test probes
- Software programming of fully assembled products via side connector
- Suitable for testing various types of electronics devices
- Parallel and batch test options for increased throughput
- Boundary Scan test can be integrated

Standards
- EN61010-1
- EN61326-1

Configuration Options

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<th></th>
<th>BASIC</th>
<th>MEDIUM</th>
<th>HIGH</th>
<th>PREMIUM</th>
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<tr>
<td>DC power supply</td>
<td>Keysight N6752A, 50V / 10A / 100W</td>
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<td>Keysight N6774A, 35V, 8.5A / 300W</td>
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<td>Multiplexer</td>
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<td>RF Multiplexer</td>
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<td>Keysight 34938A 20ch / 5A</td>
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<td>NI PCI-6526, 24ch</td>
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<td>Keysight MSOX3054A, 500MHz, 4ch</td>
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