

Y-ETI

Y-ETI – TEST FIXTURE

THE NEW DIMENSION OF TESTING



Y-ETI
S E R I E S

After more than 50 years of experience in the semiconductor test industry, a clear evolutionary step is entering the module testing sector. Therefore, we use our years of expertise in the test socket and connector business, resulting in excellent test contacting, to provide solutions for your testing challenges. The innovative Y-ETI test fixture from Yamaichi Electronics is a modular system which can be adjusted to customer requirements for testing electronic assemblies. With the Y-ETI, Yamaichi provides a solid test fixture, designed and manufactured in Germany. With Y-ETI's precision, reliable testing is simple for the user.

FEATURES

UNIVERSAL:

- Embedded solutions: integrates seamlessly with tester computers, signal processing systems
- Versatile applications: Whether you're in the lab or engaged in volume production, the Y-ETI adapts effortlessly
- Fine pitch to wide pitch: high & low-density requirements are handled with precision
- Supports low & high power: suitable for a diverse range of applications without compromising performance
- High speed analog & digital: Signal transmission with precision, low noise and low distortion

SCALABLE:

- Adaptable test adapter: One test adapter for various test system applications
- Cost-efficient design: exchangeable cassettes and standardized interfaces
- Modular system: reusable components allow you to customize and expand as needed
- Multi-DUT testing: Efficiently test multiple devices simultaneously

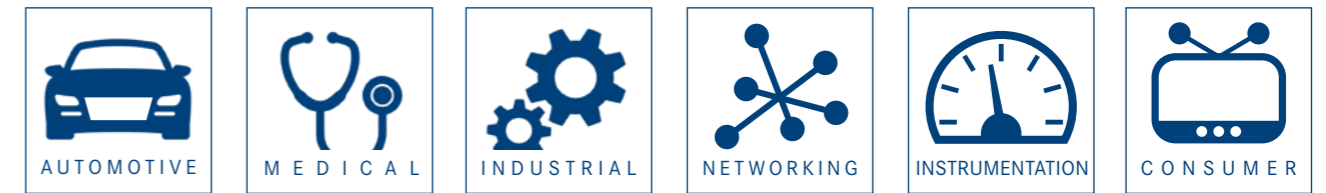
OPTIMISED:

- Individual custom design: Yamaichi creates individual solutions that meet your specific requirements
- Efficient path to testing: Our design ensures an optimal connection from the device under test (DUT) to the test system
- Optimised work ergonomics: Comfortable and efficient testing processes
- Ready-to-Use out of the box: Unpack and start testing immediately
- Robust and durable: Built to withstand demanding conditions

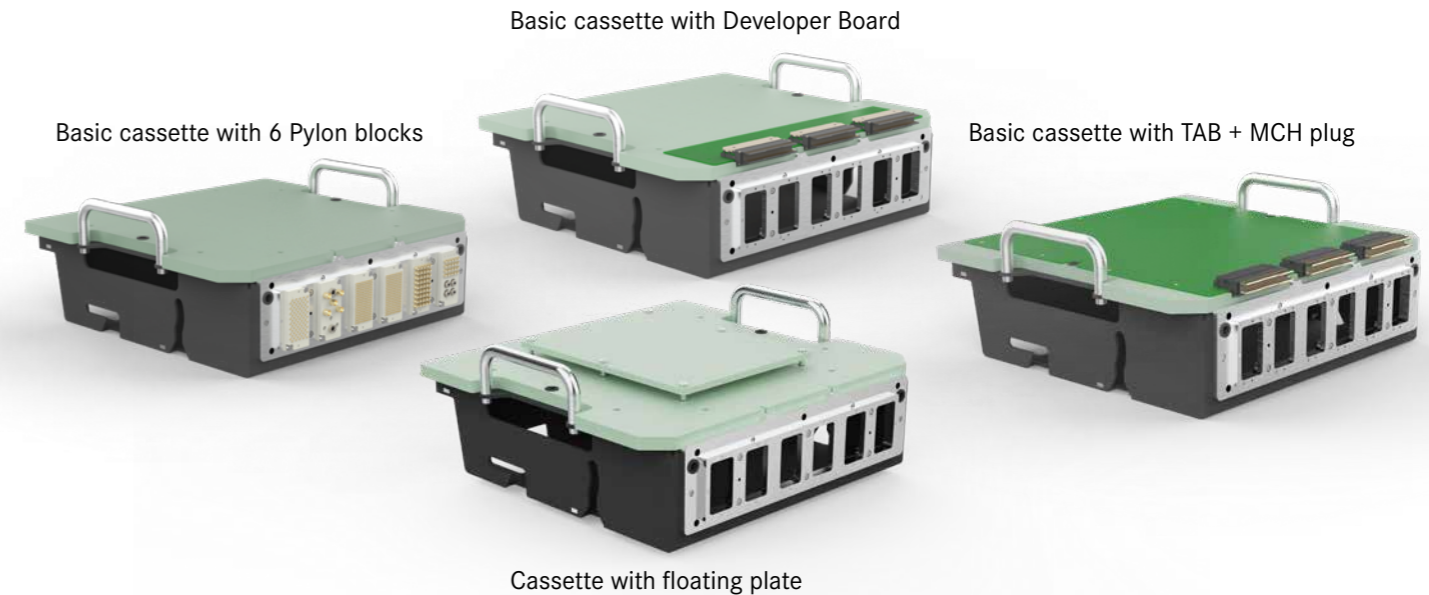
INDIVIDUAL:

- Customised contacting concept: Our system accommodates any DUT shape
- Sensor and actuator compatibility: From speakers to microphones and light detectors, Y-ETI handles diverse stimuli
- Complex testing scenarios: Realize challenging testing setups effortlessly
- Test application support: Our experts provide extensive consulting services for optimised test concepts

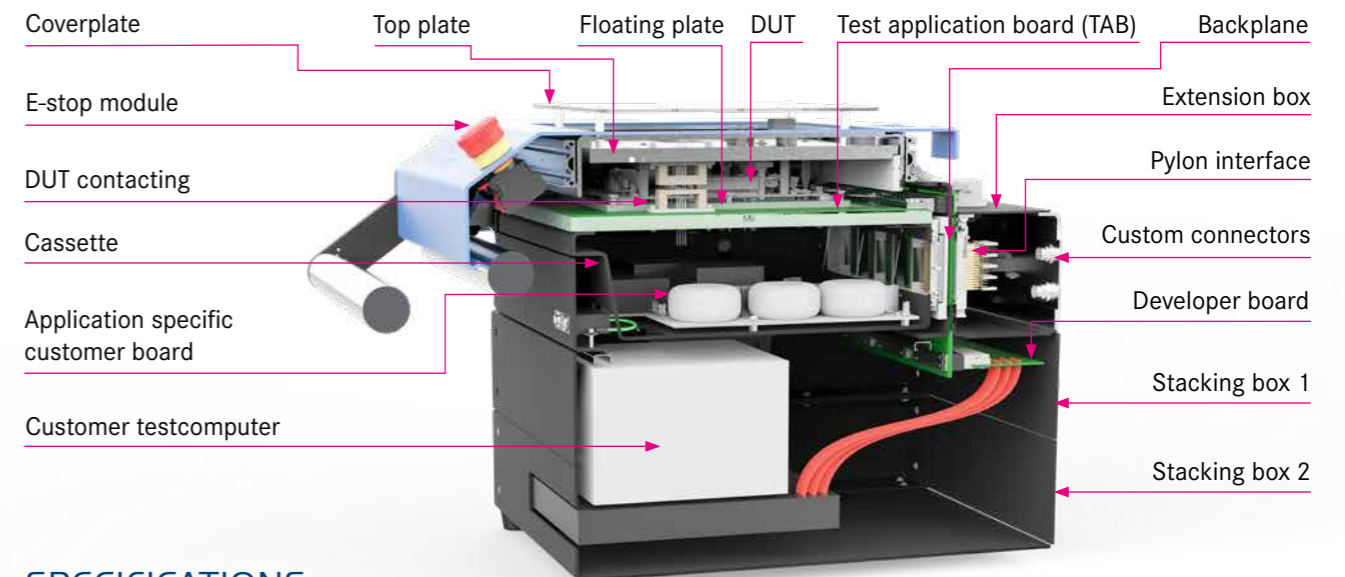
INDUSTRIES



4 CONFIGURABLE CASSETTE-TYPES



APPLICATION EXAMPLE



SPECIFICATIONS

MECHANICAL:

- Max. vertical movement: 25 mm linear
- Operating temp: 10 °C – 60 °C, other on request
- Max. total contact pressure 2000 N
- Typical actuation cycles: 100,000

ELECTRICAL:

- Max. Voltage: 25 V AC, 60 V DC, other on request
- Max. Interface: up to 1020 contacts, more on request
- High-speed 6.25 Gbit/s

APPLICATION (W x L x H):

- Max. area: 270 mm x 285 mm x 44 mm



Y-ETI

YED-V1-2|4

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