

ENICS adapt **Dual Chamber Fixture for PCBA Testing**

Enics Adapt test platform family provides efficient solutions for PCBA level testing in volume production. With Enics Adapt test platforms and fixtures it is possible to test both PCBA panels, individual modules and end products.



What is it

Enics Adapt DualChamber is an ideal RF shielded test platform for advanced PCBA testing that includes two separate RF shielded fixtures. Enics Adapt DualChamber enables the testing of two parallel products or test phases, and provides both sided board test option.

Test features include PCBA functional and RF testing.

Enics Adapt DualChamber is manually operated with an option for full automatic operation. The customized product specific module is the interface between device under test (DUT) and Enics Adapt DualChamber.

Where's the Benefit

Enics Adapt products provide an ideal solution for comprehensive PCBA level testing.

Enics Adapt DualChamber ensures easy, safe and ergonomic product replacement, which guarantees minimum change overtime.

With compact design and dual chamber construction the needed factory floor space is minimized. Enics Adapt DualChamber can be fully customized in demanding customer or integrator's environment.

More information:

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Technical Data

Technical Details

- Dimensions (l x d x h)
620x720x330 closed,
620x720x690 open
- Weight 55kg
- RF shielding min. 50dB up to 6GHz
- Operating temperature 10-60°C
(59-104°F)
- Operating humidity 0-90%
- Input voltage 24Vdc
- Compressed air 6-10bar
- Pressing force 400N (~400 test pins)
- Max DUT size 200x280mm
- Max component height 50mm
- CE safety compliant

Platform Features

- Semiautomatic design. Close manually, open automatically when done. Can be fully automated.
- Double sided probing
- Vertical and horizontal contacting

Optional Test Instruments & SW

- DUT power supply
- PC
- Power Cable
- Test application software
- Product specific test sequence

Use Cases

- Functional testing
- RF testing/tuning
- Panel level testing
- Software programming of partly of fully assembled products

Product Specific Module

- Interface between DUT and the platform
- Easy product changeover
- Short lead-time

Features



Enics Adapt Dual Chamber has two separate RF shielded chambers and offers good space for testing instruments below the chambers.

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