

FCT / ICT INLINE HANDLER

Gen2

Inline handler from IMT is specially designed for inline electrical and functional testing of PCBs. The device is ready for contacting with fixtures and for integration of our own or customer specific testing hardware.



removable inner module
for easy maintenance



bypass conveyor
possibility to multiply handlers



easy fixture exchange
under 1 minute



compact outer dimensions
1100 x 970 x 1920 mm



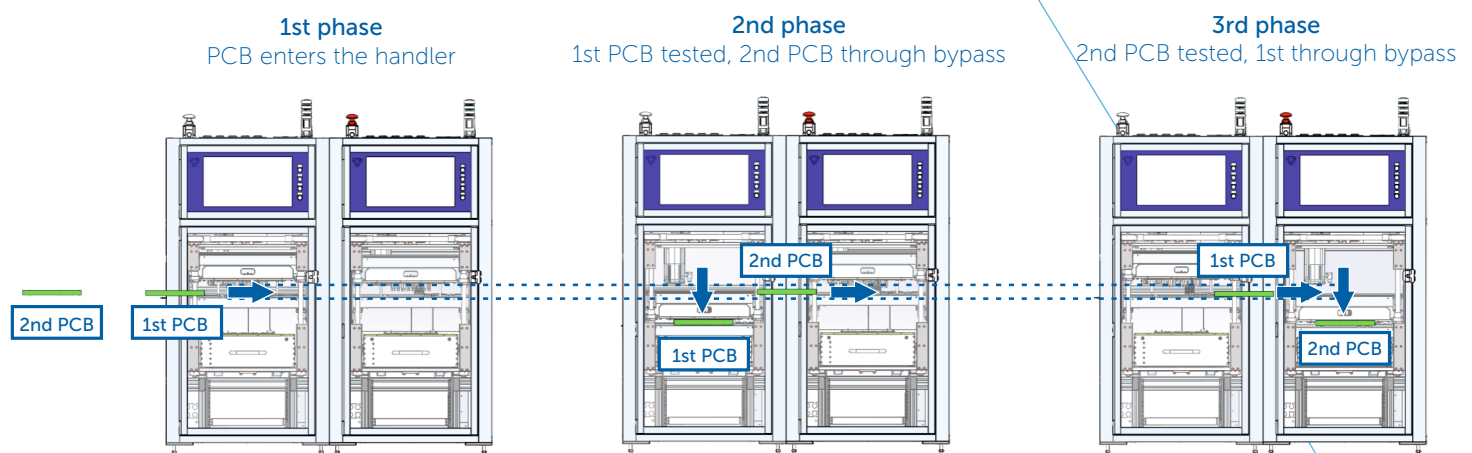
complex tests
up to 5800 test probes



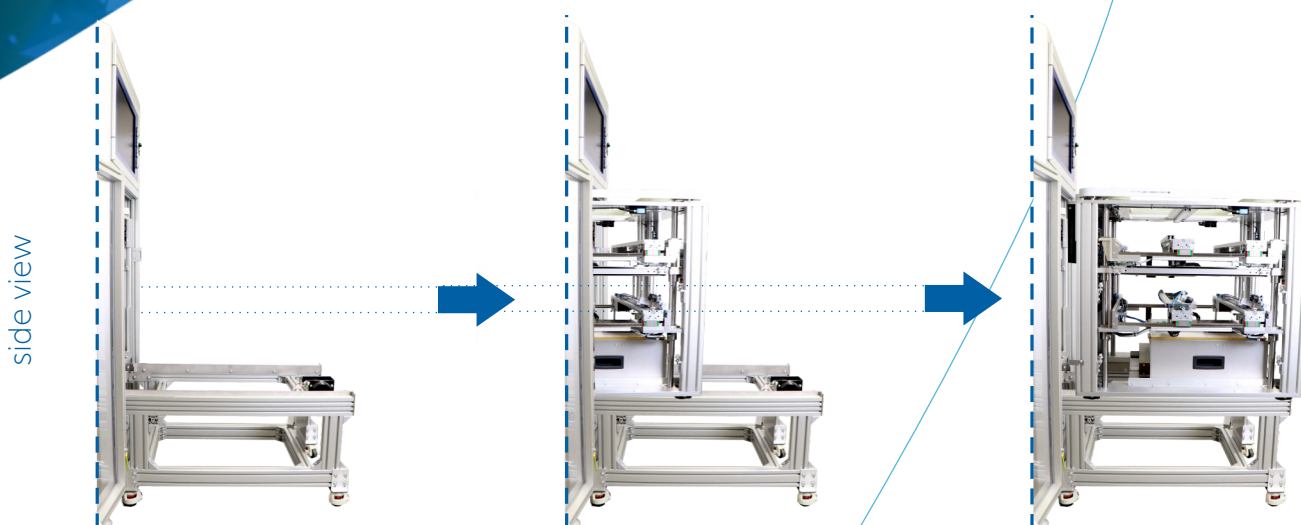
Main features and benefits of the device

- FCT/ICT tester integration ready
- Removable inner module for easy maintenance
- Automatic conveyor settings
- External barcode reader with automatic positioning settings
- Possibility to set the height over fixture
- Stoppers on the conveyors, fixture or by sensors
- Dual stage fixture (separated ICT/FCT nails)
- Special wireless fixture interface (VPC connectors)
- Customer specific modifications possible (e.g. laser marking, vision control)
- Top, bottom or side contacting
- Integration of third party instruments
- MES integration
- Bypass conveyor – possibility to multiply handlers
- Space under handler equals to 8U rack/return conveyor/other usage of space

Solution with a bypass conveyor

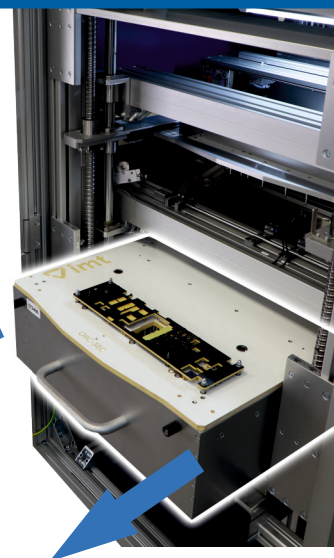
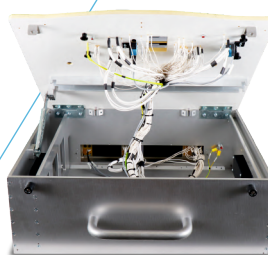


Removable module for easy maintenance



Exchangeable fixtures

- Fixture exchange under one minute
- Lightweight fixtures for easier handling
- Possibility to use third party fixtures



Offline/at-line or carrousel version

Inline solution with conveyors





Handler and tester parameters

Fixture pressing force	11,6 kN (approx. 5800 probes)
Max size of tested PCB	400 x 400 mm
Min size of tested PCB	40 x 40 mm
PCB thickness	unlimited
PCB weight	3 kg
Top clearance	58 mm
Bottom clearance	40 mm
Machine weight	450 kg
Tact time (including contacting)	within 7 seconds
Machine dimensions	1110 x 970 x 1920 mm
Electrical connection	400V, 3F
PLC	Siemens
Communication	SMEMA
Fixture interface	VPC or TTI



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