

ILS

In-Line

Handling Solutions

The ideal economical solution to reuse your current "Legacy" Offline testers in an automated In-Line testing solution



eilit 



Our Economic In-Line Handler series easily customized to your particular needs.

Do you have "Legacy" Offline ICT testers that you would like to bring into automated In-Line testing solution without an operator loading and unloading the boards?

Then the ILS Series handler is the right economic choice to integrate you existent ICT offline tester!

Affordable and robust systems with economic ILS fixtures that can be tailored to the exact interface necessity of your existent testers.



ILS700



ILS700-VIS



ILS1200

Typical Application	Flash / Functional	Functional with Vision	ICT
Max. PCB size	410 x 360 mm	410 x 360 mm	410 x 360 mm
Min. PCB width	100 mm	100 mm	100 mm
Component Top side clearance	60 mm	30 mm	60 mm
Component Bottom side clearance	15 mm	15 mm	15 mm
PCB edge support	3 mm	3 mm	3 mm
Transport direction	L > R , R > L	L > R , R > L	L > R , R > L
Transport height	950 mm ± 25 mm	950 mm ± 25 mm	950 mm ± 25 mm
Drive force (nominal)	Pneumatic (2 KN)	Pneumatic (2 KN)	Pneumatic (3.6 KN)
Recommended / Max Test Points	600 / 950	600 / 950	1450
Handling time (machine cycle)	approx 5 seconds	approx 5 seconds	approx 6 seconds
Fixture exchange time	< 3 minutes	< 3 minutes	< 3 minutes
Conveyor width adjustment	Manual / electrical (option)	Manual / electrical (option)	Manual / electrical (option)
Dimensions (Length)	705 mm	705 mm	1200 mm
Dimensions (Width)	870 mm	870 mm	870 mm
Dimensions (Height)	1450 mm	1680 mm	1350 mm
Weight	380 Kg	400 Kg	450 Kg
Rackable/Instrumentation space	4U + 2 Backpanels	4U + 2 Backpanels	4U + 2 Backpanels
Interface Type	Matrix of pins (1000)	Matrix of pins (1000)	Matrix of pins (1500)
Machine Control	Mitsubishi PLC	Mitsubishi PLC	Mitsubishi PLC
Machine Communication	RS-232 Communication Protocol	RS-232 Communication Protocol	RS-232 Communication Protocol
Max. Numbers of PCB Stoppers	1 (in fixture)	1 (in fixture)	1 (in fixture)
Main Conveyor ByPass Option	Yes	Yes	Yes
Secondary PassThrough Conveyor	No	No	No
Option Camera	No	Yes	No
Electrical Power	230V AC 50Hz	230V AC 50Hz	230V AC 50Hz
Pneumatic Requirements	6 bar	6 bar	6 bar
Vacuum Required	N / A	N / A	N / A
CE Approved	Yes	Yes	Yes
SMEMA Compliant	Yes	Yes	Yes

Solutions Equipment & Partnership

Tests

- > ICT
- > Digital / Boundary scan
- > ISP – In System Programming
- > LED testing
- > ASA – Analog Signature Analysis
- > Functional
- > Vision

Integrations

- > TRI (Internal)
- > CheckSum (Internal)
- > Teradyne (External)
- > Aeroflex (External)
- > Digital Test (External)
- > Genrad (External)
- > Agilent (External)
- > GoepelElectronics (Internal)
- > SMH - Flash Runner (Internal)
- > CheckSum – Multiwriter (Internal)
- > Feasa (Internal)
- > Huntron (Internal)
- > NationalInstruments (Internal)



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