

KT LEON InLine ICT - KT-3600 FlexCell NT

Benefits

- Integrated ABEx test system
- Cable-less DUT contacting
- Unlimited and freely programmable contacting positions
- Open Platform PXI
- Micro alignment in fixture kits optional
- Contacting including PCB edge area at DUT top side
- No limit in PCB thickness
- Contactless positioning without mechanical stopper



Automated In-Line Test Handler

In high volume manufacturing we offer a standard ICT system, based on our fully automated test handler FlexCell NT. The ABEx based tester is vertically integrates into the tester handler using pogo-pin based test interface board connecting without cables from the test probe to the test fixture, resulting in a high performance, low-maintenance test solution with extremely high signal integrity. The handler integrates well with industry standard board handling equipment including conveyors and short stations.

Features

- In-Line handler with integrated ABEx test system
- ABEx analog bus extension default
- Maximum 16 embedded PCB testers in parallel (per chassis)
- 86 ... 2666 test nodes per chassis
- High flexibility through vast availability of instruments
- Additional functional test
- Boundary scan test
- In-system programming
- Pogo-pin based motherboard/test fixture interface for cable-less applications
- Interchangeable fixtures
- Vision guided micro alignment technology optionally on fixtures
- Contacting from two sides
- High volume test



Applications

- In-Circuit Test (ICT)
- Electrical Functional Test (FCT)
- In-System Programming (ISP)
- AOI Test



Technical Data

Machine Configuration

Transport height:	950 mm ± 50 mm
Transport width:	Max. 450 mm
Interface:	SMEMA
Transfer direction:	left to right or right to left
Operating side:	front
Fixed rail:	front

Panel Dimensions

Panel length:	Max. 422 mm (cableless variant) Max. 450 mm (cable-based variant)
Panel width:	35 - 300 mm (cableless variant) 35 - 450 mm (cable-based variant)
Panel thickness:	Without limitation
Component clearance:	Max. 94 mm top side, max. 120mm bottom side
Edge support width:	3 mm

Installation Requirements

Power supply:	3 x 208 V AC ... 400 V AC, 50 Hz - 60 Hz
Power supply system:	L1 + L2 + L3 + N + PE
Power consumption:	Typ.: 0,7 kW, max. 3,6 kW

Machine Description

Length x Width x Height:	1250 mm x 950 mm x 2125 mm
Weight:	approx. 650 kg
Color:	RAL7035 / RAL5023



Additional Informations: www.konrad-technologies.de

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