

# AFS500

Fully Automated Board Handler

*Increased  
Throughput*



*Reduced  
Labour  
Costs*

*Improved  
Test  
Consistency*

*The AFS500 dramatically increases tester capacity, setting new industry benchmarks for Test throughput, efficiency, capital utilisation and cost reduction.*

- ***In-line ICT Test Automation***
- ***4 second 'Board to Board' cycle time***
- ***5,000 Test Point capability***
- ***Compatible with Agilent, Teradyne and GenRad Models***
- ***"Auto Set-up" including rail adjust***
- ***Advanced Cassette Fixture technology***
- ***Automated fixture loading / unloading***
- ***Integrated Test Cell Control Software***
- ***Self supporting chassis with motorised lift control on legs***
- ***Heavy Duty mechanical press for accurate and smooth movement***

## System Specifications:

	AFS500
Direction of Travel	LTR or RTL (Factory set)
Conveyor Length	2400mm
Interface	SMEMA
Max. Press Force	10,000 Newtons
Compatible ICT Testheads	HP3070 Series 1,2,3 GR228X GR TestStation Teradyne Z18xx Teradyne Spectrum Teradyne TestStation LX, SE, LH
Test Modes	Single stage Dual stage Pass-through
Dimensions	2400L x 1000W x 1400H (in mms)
Fixture Loading	Fully Automated
Software	Fully featured Test Cell Control Software
Facilities required (Electrical, Air)	240V single phase 10A, 6 bar compressed air

## Board Specifications:

	AFS500
Max Board Size	885 x 725 mm
Max board weight	2kg
Minimum Tooling Hole Diameter	2.4mm
Tooling hole centre to board edge	4.0mm
Board Length	Between 52mm and 725mm *
Board width	Between 68 and 425mm *
Component height	10mm underside, 64mm topside

\* Within aspect ratio of 3:4

## TSL support Services

- **In-line ICT Test Automation Consultancy with**
  - **Design For Test / Manufacture (DFT / DFM)**
  - **FDS (Functional Design Specification) development**
- **Applications development, including fixtures and programs**
- **Operational and Maintenance training courses and workshops**
- **Installation and on-site support**

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