

In-Line Full Automatic Testing System

In-Line Full Automatic Testing System | ALMAX

Overview

- Automated press unit with board loading belt.
- ALMAX can become automated in-line type in-circuit tester in case our ICT is integrated. And it also can become automated in-line function tester as well.
- PLC is not used in order to reduce cost as a PC control mechanical part.
- Press unit is 4 shaft structures which reduce unbalanced load and contact fail of probe pins.



(Left)In-Line Full Automatic ICT&FCT integration / (Right) In-Line Full Automatic ICT

Specification

Specification	Content	Baseline
PCB Spec.	Maximum PCB Size	250mm(H) x 330mm(W)
	Minimum PCB Size	50mm(H) x 50mm(W)
	Board thickness	0.8mm - 1.6mm
	Board shape	Boards are conveyed with the widest dimension front to rear.
	Allowable warp	2mm max
	Board weight	1.2Kg or less
	Top side component height	70mm
	Bottom side component height	20mm
	Component free areas	3mm from board edges
	Board positioning method	Fixed guide pins (2pics or more)
	Positioning guide hole	Precision tooling holes of 2 to 4mm(dia.) at least 5mm from board edges
Machine Spec.	Direction of board travel	Right to left (std.) Left to Right (option)
	Board positioning	Front leading edge of board
	Board carriage area	3mm from edge of board
	Carriage height	880mm ± 960mm
	Test interval	Tact time of 10 sec. +Testing time
	AC source supply	AC100V (Optionally 100V - 240V)
	AC source supply tolerance	±10%
	AC source voltage frequency	50Hz/60Hz
	Air pressure	0.5MPa
	Operating temperature	5°C - 35°C
	Operating humidity	30% - 80%
	Allowable variation of floor surface	±10mm
	Color	Munsell Color Code : 5Y8/1
	Dimensions	860(W) x 680(L) x 1397(H) (exclude LCD & Signal Tower)
	Weight	300Kg -

Mesurement unit Spec.	Tester	ICT:Focus-280Plus
	MPX board (128PIN/pcs)	Standard: 2pcs (Optionally to Max:16pcs)
	Fixture cable	34 conductor manually connected cable
	Fixture method式	Top press
	Carrying method	Timing belt
	Carriage width adjustment	manually

Options

- QR Buffer Convair
- Flash/ROM Writing (Programming)
- Ionizer
- One-Touch Receiver
- Valuable PCB Transfer Speed
- Auto Carriage Width Adjustable