

TR48MK5

High Speed Tray Taping System

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The TR48MK5, a high speed Tray Taping System with unique triple head pick and place design, combines high performance with ease of operation. The system designed provides a 2D in-pocket vision inspection solution for lead and mark with an autosort reject management capability.

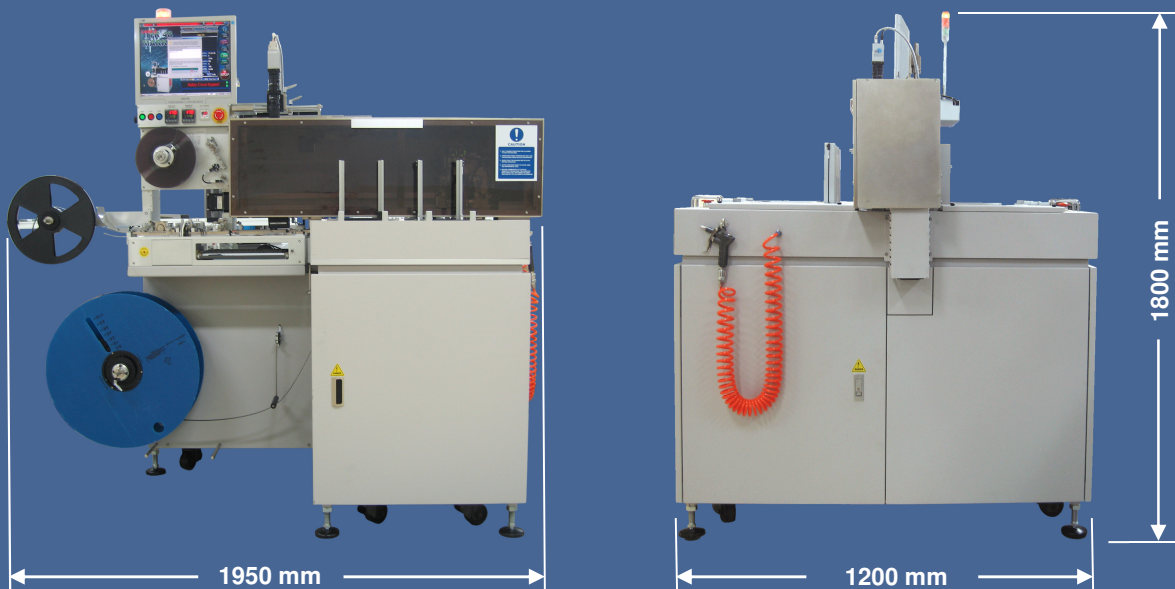
TR48MK5 Specifications

SPECIFICATIONS	DESCRIPTION
PACKAGE TYPE	
Leadless	LCC, QFN
Leaded	TSOP, QFP
Area Array	µbga, BGA
TRAY STACK DETAIL	
Tray Type	JEDEC
Maximum Tray Stack	30 (7.6 mm Tray Thickness)
PERFORMANCE	
UPH	14,000 (Based on 16 x 36 Tray Array)
MTBA	1 Hr
MTBF	> 1000 hrs
MTTA	5 mins
Conversion Time	< 20 mins
TAPE & REEL	
Max. Diameter of Carrier Tape	22"
Min. Pocket Pitch	4 mm
Carrier Tape Width Range	8 – 56 mm
Diameter of Output Reel Range	7"/13"
Seal Shoe Length	96 mm
Seal Lip	18 mil STD
Sealing Temperature	Ambient Temperature - 200 °C
Sealing Type	Reciprocating/Pressure
Peel Force Strength	Conform to EIA481

SPECIFICATIONS	DESCRIPTION
FACILITIES	
Air Supply	5 bar minimum oil free
AC Power Supply	230 VAC 50/60 Hz., one phase (with 110V option)
Weight	500 kg
User Interface	Windows platform GUI with full machine diagnostics capability

INSPECTION	DETAILS
STANDARD	
In-Pocket Inspection	
FOV	35 mm x 35 mm
2D Measurement	Pitch / Bent / Tweeze / Tip To Tip
Symbol Inspection	Mixed / Broken / Crossed / Rotated / Offset / Orientation / No Symbol
OPTIONAL	
<ul style="list-style-type: none"> In-Pocket PVI Inspection Bottom PVI Inspection 	
FOV	20 mm x 20 mm
PVI Inspection	Scratch / Crack / Void / Incomplete / Fill / Debris / Contamination
<ul style="list-style-type: none"> Post Seal Inspection 	
Post Seal Inspection	Device presence / Seal Shift

Layout



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