

PTH Assembly Cell AO-00



PTH Components Assembly Cell

Robotic cell for a wide range of exotic component assemblies on PCBs



Loose components



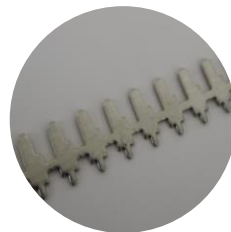
Radial components



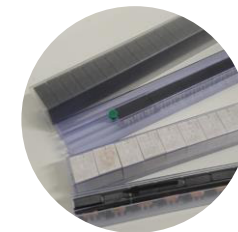
Metallic pins



Axial components



Metallic tape



Components in tube packaging

PTH Components Assembly Cell AO-00

Technical Features

- Line length 1000 mm
- In – Out SMEMA Interface
- Feeding capacity – up to 6 feeders
- Components -up to 9 different components codes
- Automatic tools change system
- Tools capacity – 3 pcs
- Mechanical board alignment
- Down force 160 N
- Insertion test routine
- ESD Safety Design
- CE Compliance
- Flat Belt (carrying edge 3 mm)
- Power Supply - 230Vac 50/Hz 16A
- Std conveyor speed 12 m/min
- Electric Width Adjustment (EWA)
- Weight 1,000 kg

PCB specification

- Max/Min PCB width 400 mm/100 mm
- Max /Min PCB length 460mm/100 mm
- Max PCB weight 2,0 Kg.

Options

- Passive clinching system
- Programmable Active Clinching
- Pin in paste technology
- Vision system for board alignment
- Down force 400 N
- Pins calibration station
- 6 or 18 m/min conveyor speed
- Automatic Width Adjustment (AWA)
- Customization upon request

