



Samsung SM421 Pick And Place Machine 21000 CPH 460x400mm PCB

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Samsung
- Model Number: SM421
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 170*170*155cm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+PCSI+per days



Product Specification

- Placement Speed 1: 21,000 CPH / Chip (IPC9850 Benchmark)
- Placement Speed 2: 5,500 CPH / QFP (IPC9850 Benchmark)
- Mounting Degree: $\pm 50\mu\text{m}$ @ 3σ / Chip, $\pm 30\mu\text{m}$ @ 3σ / QFP
- Component Range 1: Max, 0402 (01005) Chip $\sim \square 55\text{mm}$
- Component Range 2: 0603 (0201) Chip $\sim \square 55\text{mm}$ (standard)
- PCB 1: 460 (L) X 400 (W) Mm
- PCB 2: 510 (L) X 460 (W) Mm (option)
- PCB 3: 610 (L) X 510 (W) Mm (option)
- Highlight: **Pick And Place Machine SM421**



More Images



Product Description

Samsung Pick And Place Machine SM421

High-Speed Precision Placement Solution

The Samsung SM421 pick and place machine features advanced On The Fly identification technology for rapid component placement, handling components ranging from 0603 microchips to 22mm ICs. Equipped with a high-resolution Stage Camera system, the 45mm cameras ensure accurate recognition of micro-pitch components down to 42mm and 0.4mm precision.



Key Features

- High-speed operation at 21,000 components per hour (CPH)
- Cost-effective production solution
- Wide component compatibility from 0402 to 55mm IC
- Maximum PCB size: 460mm (L) * 400mm (W)
- Patented On The Fly identification system
- High-precision vision system for accurate placement
- Placement accuracy of $\pm 50\mu\text{m}$

Technical Specifications

- Placement Speed:** 21,000 CPH
- Component Range:** 0402 to 22mm IC
- PCB Capacity:** 460mm * 400mm
- Placement Accuracy:** $\pm 50\mu\text{m}$
- Vision System:** High-resolution 45mm cameras

