



Fuji NXT H01 Placement Head for Precise Placement Model Number AA15X12

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: FUJI
- Model Number: H01
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 600*350*360mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Brand Name: FUJI
- Product Name: NXT H01 Head
- Model Number 1: AA15X18
- Model Number 2: AA15X12
- Model Number 3: AA15X17
- Model Number 4: AA15X25
- Condition: Original New/Used Original
- Lead Time: 1-7 Days
- Highlight: Fuji NXT H01 Placement Head, AA15X12 Fuji NXT H01 Head



More Images



Product Description

FUJI H01 HEAD

The FUJI H01 HEAD stands out as a highly adaptable and precise placement solution in the realm of SMT (Surface Mount Technology) equipment. Designed for FUJI's NXT series of modular placement machines, the H01 HEAD excels in handling a wide array of components, contributing to enhanced production efficiency and accuracy[7].

Key Features and Capabilities

The FUJI H01 HEAD is a single-nozzle head known for its accuracy and flexibility[2][4]. It can handle components ranging from 1608 (0603") to 74 x 74 mm in size, with a maximum height of 25.4 mm[3]. This broad compatibility makes it suitable for various applications, including standard SMT components and odd-form parts[2][4].

Precision and Accuracy

The H01 HEAD offers a placement accuracy of ± 0.03 mm ($Cpk \geq 1.0$), ensuring precise placement, which is critical for high-quality electronic assembly[3][4]. FUJI conducts tests to ensure the accuracy of its placement[1][4].

Throughput and Speed

The H01 HEAD achieves a throughput of up to 4,200 chips per hour (CPH), balancing speed and precision[2]. This makes it a practical choice for lines needing versatility without sacrificing speed[4].

Enhanced Part Retention with H01V Head

For components prone to warpage or those requiring extra retention, the H01V head offers a solution[9]. This head features a modified air route that enhances part retention, with four times the holding capacity compared to the standard H01 head[3][9]. Used with a custom nozzle, the H01V head ensures secure pickup and placement of challenging parts, boosting productivity while maintaining quality[9].

Accessories and Options

FUJI offers a range of accessories to enhance the H01 HEAD's performance and adaptability[2]. These include:

- * Nozzle Stations: Providing a quick change nozzle supply system[2].
- * Custom Nozzles: Enabling the handling of parts that cannot be picked up with standard nozzles[2][8].

Applications

The FUJI H01 HEAD is ideal for:

- * Odd-form components: Efficiently placing components with unique shapes or sizes[2].
- * Standard SMT components: Handling a broad range of standard components with precision[4].
- * High-mix production: Adapting to frequent product changes with its flexible design[2].
- * Interposer Placement: When using the H01V head, the machine can be used for high-speed placement of interposers[3][9].

Advantages of the FUJI H01 HEAD

- * Versatility: Compatible with a wide range of component sizes and shapes[2][4].
- * Accuracy: Delivers precise placement, crucial for high-quality assembly[3][4].
- * Reliability: Built to FUJI's standards, ensuring consistent performance and longevity[6].
- * Enhanced Retention: The H01V head provides increased holding capacity for challenging parts[3][9].

Frequently Asked Questions

Q1: What is the primary advantage of the FUJI H01 HEAD?

A: The primary advantage is its versatility in handling a wide range of component sizes and shapes, from standard SMT components to odd-form parts[2][4].

Q2: What kind of accuracy can be expected from the FUJI H01 HEAD?

A: The FUJI H01 HEAD offers a placement accuracy of ± 0.03 mm ($Cpk \geq 1.0$), ensuring precise and reliable placement[3][4].

Q3: What is the H01V head, and how does it differ from the standard H01 HEAD?

A: The H01V head is an enhanced version of the H01 HEAD designed for parts that are prone to warpage or require greater retention[9]. It features a modified air route that provides four times the holding capacity of the standard H01 head[3][9].

Q4: What types of machines are compatible with the FUJI H01 HEAD?

A: The FUJI H01 HEAD is primarily designed for use with FUJI's NXT series of modular placement machines, such as the NXT M6 III and M6 IIIC[7].

Q5: Are there any accessories available to enhance the functionality of the FUJI H01 HEAD?

A: Yes, FUJI offers a range of accessories, including nozzle stations for quick nozzle changes and custom nozzles for handling specialized components.



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