



Model Number UH02633 H02 FUJI Nxt Head for SMT Assembly Needs

Our Product Introduction

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Basic Information

- Place of Origin: Japan
- Brand Name: FUJI
- Model Number: H02
- 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 H02 Head
- Model Number 1: UH02633
- Model Number 2: UH02610
- Model Number 3: UH02604
- Condition: Original New/Used Original
- Highlight: UH02633 FUJI Nxt Head, FUJI Nxt H02 Head, SMT Assembly FUJI Nxt Head



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Product Description

FUJI Nxt H02 Head: Enhancing SMT Assembly with Precision and Speed

The FUJI Nxt H02 Head is a crucial component in modern SMT (Surface Mount Technology) assembly lines, known for its precision, speed, and reliability. Designed for FUJI's NXT series placement machines, the H02 Head ensures efficient placement of small components, contributing to overall productivity and quality.

Key Features and Capabilities

The FUJI Nxt H02 Head is engineered for high-speed and accurate placement of small components. It supports a component size range down to 0402 (01005") [1][7]. This capability is essential for assembling compact and high-density electronic devices. The H02 Head is compatible with FUJI AIM, AIMEX, and NXT machines [5].

Precision and Accuracy

The FUJI Nxt H02 Head boasts placement accuracy, which is critical for ensuring the proper functioning of electronic circuits. The placement accuracy (Fiducial mark standard) is ± 0.038 (± 0.050) mm (3sigma) $\text{cpk} \geq 1.00$ [7]. FUJI conducts tests to ensure the accuracy of its placement [1].

Throughput and Speed

With a throughput of up to 26,000 chips per hour (CPH) [7], the FUJI Nxt H02 Head maximizes production efficiency. Its super-high-speed operation ensures that assembly lines can meet the demands of high-volume manufacturing [3]. The new H24G high-speed head achieves 37,500 cph (chips per hour) (Productivity priority mode) per module, a 44% improvement from the fastest speed of the NXT II [1].

Component Handling

The FUJI Nxt H02 Head is designed to handle a variety of small components, including the smallest parts currently being used in mass production (0402 mm, 01005"), the NXT III can also handle the next generation of components heading for the market - 0201 mm parts [1].

Accessories and Options

To further enhance the capabilities of the FUJI Nxt H02 Head, a range of accessories and options are available:

- * Nozzles: Various nozzle types are available to accommodate different component sizes and shapes [2].
- * Spare Parts: Availability of spare parts ensures minimal downtime and continuous operation [3].

Applications

The FUJI Nxt H02 Head is ideally suited for:

- * High-volume manufacturing: Achieving high throughput in mass production environments.
- * Small component placement: Accurately placing tiny components in compact devices.
- * Diverse SMT lines: Adapting to various production needs with its flexible design.

Advantages of the FUJI Nxt H02 Head

- * High Speed: Enables rapid placement of components, maximizing production throughput [3].
- * Precision: Ensures accurate placement, critical for the reliability of electronic devices [7].
- * Reliability: Built to FUJI's standards, ensuring consistent performance and longevity.
- * Versatility: Compatible with a range of component sizes and shapes [5].

Frequently Asked Questions

Q1: What is the primary advantage of the FUJI Nxt H02 Head?

A: The primary advantage is its ability to place small components at high speeds with great precision, making it ideal for high-volume manufacturing.

Q2: What is the placement accuracy of the FUJI Nxt H02 Head?

A: The placement accuracy (Fiducial mark standard) is ± 0.038 (± 0.050) mm (3sigma) $\text{cpk} \geq 1.00$ [7].

Q3: What types of machines are compatible with the FUJI Nxt H02 Head?

A: The FUJI Nxt H02 Head is compatible with FUJI AIM, AIMEX, and NXT machines [5].

Q4: What kind of components can the FUJI Nxt H02 Head handle?

A: The FUJI Nxt H02 Head can handle very small components, down to 0402 (01005") [1][7].

Q5: Is it possible to enhance the functionality of the FUJI Nxt H02 Head with accessories?

A: Yes, various nozzles are available to accommodate different component sizes and shapes, enhancing its versatility [2].



FUJI Nxt H02 Head | GSSMT, Fuji NXT work head, Fuji NXT head, Fuji NXT placement head, Fuji NXT H24G head, Fuji NXT H12 head, Fuji NXT H08 head, Fuji NXT H04 head, Fuji NXT head maintenance, Fuji NXT head repair, Fuji NXT head cleaning, Fuji NXT head parts, Fuji NXT head nozzles, Fuji NXT head price, Fuji SMT work head, SMT placement head Fuji NXT, Fuji NXT head supplier, Fuji NXT head for sale, Fuji NXT head rebuild, Automatic head cleaner Fuji NXT, Fuji H01 HEAD, Fuji H01 HEAD, Fuji H02 HEAD, Fuji H02F HEAD, Fuji H02 HEAD, Fuji H04 HEAD, Fuji H04 HEAD, Fuji H04 HEAD, Fuji H04SF HEAD, Fuji H04S HEAD, Fuji H08 HEAD, Fuji H08 HEAD, Fuji H08M HEAD, Fuji H08MQ HEAD, Fuji H08Q HEAD, Fuji H12HS HEAD, Fuji H12HSQ HEAD, Fuji H12S HEAD, Fuji H12S HEAD, Fuji H12SQ HEAD, Fuji H24 HEAD, Fuji H24G HEAD, Fuji H24S HEAD, Fuji V12 HEAD



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