



Original H12HS Fuji NXT Head without Backup Pin Long lasting AA74A06

Basic Information

- Place of Origin: Japan
- Brand Name: Fuji
- Model Number: AA74A06
- 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 H12HS Head
- Model Number: AA74A06
- Condition: Original New/Used Original
- Highlight: Original H12HS Fuji NXT Head,
H12HS Head without Backup Pin, AA74A06



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Product Description

The Fuji NXT H12HS Head: Precision and Performance in SMT Placement

The Fuji NXT series is renowned in the world of Surface Mount Technology (SMT) for its modularity, flexibility, and high performance. A critical component of this system is the Fuji H12HS head, a placement head designed for accuracy and speed in component placement[1]. This article delves into the features, specifications, and applications of the Fuji NXT H12HS head, highlighting its importance in modern electronic manufacturing.

Overview of the Fuji NXT Series

Before focusing on the Fuji H12HS head, it's important to understand its context within the Fuji NXT platform. The NXT III is a scalable placement platform known for its high productivity and multi-functional capabilities[1]. It's engineered for speed, with advancements in XY robots and tape feeders[2]. The modular design allows manufacturers to configure the machine according to their specific production needs, whether it's high-volume or high-mix manufacturing[5].

Key Features of the Fuji H12HS Head

The Fuji H12HS head is a key enabler of the NXT series' performance. Here are some of its standout features:

- * **High-Speed Placement:** The H12HS is designed for rapid component placement, contributing to the overall throughput of the NXT machine[5].
- * **Accuracy:** It offers impressive placement accuracy, ensuring that components are placed precisely on the PCB[1]. According to specifications, the placement accuracy (Fiducial mark standard) is ± 0.038 (± 0.050) mm (3sigma) cpk ≥ 1 [7].
- * **Component Handling:** The Fuji H12HS head is capable of handling a range of component sizes, making it versatile for different production requirements[5]. It can handle components from 0402 to 7.5 x 7.5 mm, with a height of up to 3.0 mm[1].
- * **Reliability:** Built with quality materials and precise engineering, the Fuji H12HS head is designed for long-term reliability in demanding production environments[3].

Technical Specifications

Understanding the technical specifications of the Fuji H12HS head provides deeper insight into its capabilities:

- * **Supported Component Size:** 0402 to 7.5 x 7.5 mm[1]
- * **Maximum Component Height:** Up to 3.0 mm[1]
- * **Placement Accuracy:** ± 0.038 (± 0.050) mm (3sigma) cpk ≥ 1 (Fiducial mark based referencing)[1]
- * **Compatibility:** Designed for use with the Fuji NXT series placement machines[1]

Applications in SMT Assembly

The Fuji H12HS head is utilized in a variety of SMT assembly applications, including:

- * **High-Volume Manufacturing:** In industries such as consumer electronics, where high-speed and accurate placement are critical for mass production[5].
- * **Automotive Electronics:** The reliability and precision of the Fuji H12HS head make it suitable for automotive electronics manufacturing, where quality is paramount[5].
- * **Industrial Equipment:** It's also used in the production of industrial equipment, where a mix of component sizes and types may be required[5].

Maintenance and Support

To ensure the continued performance of the Fuji H12HS head, regular maintenance is essential. This includes cleaning, lubrication, and timely replacement of worn parts[3].

Advantages of Using the Fuji H12HS Head

- * **Increased Throughput:** The high-speed placement capabilities of the Fuji H12HS head contribute to increased production throughput[2].
- * **Improved Accuracy:** Its precise placement ensures higher quality and reduces defects[1].
- * **Versatility:** The ability to handle a range of component sizes makes it a versatile tool for different production needs[5].
- * **Reliability:** Built to last, the Fuji H12HS head minimizes downtime and maintenance costs[3].

Fuji H12HS Head Syringe

The Fuji NXT H12HS Head Syringe (AA65D08, AA65D00, AA65D11) is designed to provide high-quality dispensing solutions[3].

Related Questions and Answers

Q1: What is the placement accuracy of the Fuji H12HS head?

A1: The placement accuracy (Fiducial mark standard) is ± 0.038 (± 0.050) mm (3sigma) cpk ≥ 1 [7].

Q2: What component sizes can the Fuji H12HS head handle?

A2: The Fuji H12HS head can handle components from 0402 to 7.5 x 7.5 mm[1].

Q3: Which Fuji NXT series machines are compatible with the H12HS head?

A3: The H12HS head is designed for use with the Fuji NXT series placement machines[1].

Q4: What are the main applications of the Fuji H12HS head in SMT assembly?

A4: It is used in high-volume manufacturing, automotive electronics, and industrial equipment production[5].

Q5: What is the benefit of using the Fuji H12HS head in terms of production efficiency?

A5: The high-speed placement capabilities of the Fuji H12HS head contribute to increased production throughput[2].

Conclusion

The Fuji H12HS head is a vital component in the Fuji NXT series, offering a blend of speed, accuracy, and reliability[1]. Its technical specifications and versatile applications make it a valuable asset in modern SMT assembly, contributing to enhanced production efficiency and quality[5]. Regular maintenance and support ensure its continued performance, making it a worthwhile investment for manufacturers seeking to optimize their SMT processes[3].



Fuji NXT H12HS Head without Backup Pin | 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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