



H08M Fuji NXT HEAD with Backup Pin 2UGKHF000157

Our Product Introduction

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Basic Information

- Place of Origin: Japan
- Brand Name: FUJI
- Model Number: 2UGKHF000157
- 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 H08M HEAD
- Model Number 1: 2UGKHF000120
- Model Number 2: 2UGKHF000114
- Model Number 3: 2UGKHF000157
- Condition: Original New/Used Original
- Highlight: Backup Pin Fuji NXT HEAD,
H08M Fuji NXT HEAD,
2UGKHF000157 Fuji NXT HEAD

Product Description

Fuji NXT H08M Head with Backup Pin: Enhancing SMT Placement Accuracy and Efficiency

Article

The Fuji NXT H08M Head with Backup Pin is a crucial component in surface mount technology (SMT) placement machines, known for its high accuracy and efficiency in component placement. This head is part of the Fuji NXT series, which is celebrated for its modular design and ability to adapt to various production needs[1][2]. The H08M head specifically is designed to handle a wide range of components, making it a versatile tool in electronics manufacturing[2].

Key Features and Benefits of the FUJI H08M HEAD

1. High Accuracy: The Fuji NXT H08M Head is engineered to provide high placement accuracy, which is essential for manufacturing high-quality electronic devices. With a placement accuracy of ± 0.040 mm (3σ , $Cpk \geq 1.00$), it ensures that components are precisely placed on the PCB[2].
2. Component Range: This head can handle components ranging from 0603 to 45 x 45 mm in size, with a height of up to 13.0 mm, offering versatility in the types of components it can place[2].
3. Backup Pin Function: The auto backup pin function automatically positions, checks, and fine-adjusts pins, reducing the time required for changeover. This feature enhances the machine's efficiency and reduces downtime[1].
4. Speed and Throughput: The H08M head offers a throughput of 13,000 cph (components per hour) in standard mode and 14,000 cph in productivity priority mode, ensuring high-speed placement to meet production demands[4][5].
5. Versatility: Compatible with various Fuji NXT modules like M3 III and M6 III, the H08M head can be integrated into different machine configurations to suit specific production requirements[1][4].

Integration and Compatibility

The Fuji NXT H08M Head is designed for seamless integration with other Fuji NXT accessories and software[1]. It supports intelligent feeders for various tape widths (4, 8, 12, 16, 24, 32, 44, 56, 72, 88, and 104 mm) and stick feeders for part widths between 4 to 32 mm[2]. Moreover, it is compatible with tray units for supplying parts from JEDEC standard trays[1][2].

Enhancing Production with Fuji NXT Series

The Fuji NXT series, including the NXT III, is known for its modularity and flexibility[1][2]. The H08M head can be used with other heads like H24S, H24A, V12, and others to optimize the production line for different component types and placement speeds[4][5]. Features like panel height detection ensure that even very small parts can be placed with high accuracy, regardless of panel warpage[1].

Maintenance and Optimization

Maintaining the Fuji NXT H08M Head is crucial for ensuring consistent performance[1]. Regular cleaning with the Auto Nozzle Cleaner II, which uses only water and compressed air, helps prevent grime buildup inside the nozzles[1]. The Fuji Intelligent Feeder Inspection station can be used to check and adjust the condition of the feeders, ensuring stable parts supply and high accuracy placements[1].

Applications

The Fuji NXT H08M Head is ideal for various applications in electronics manufacturing, including:

- * Consumer Electronics: Placement of components in smartphones, tablets, and other consumer devices.
- * Automotive Electronics: Manufacturing of electronic control units (ECUs) and other automotive electronic systems.
- * Industrial Equipment: Assembly of industrial control systems and equipment.
- * Medical Devices: Production of medical electronic devices requiring high precision and reliability.

Frequently Asked Questions

Q1: What is the placement accuracy of the Fuji NXT H08M Head?

A1: The placement accuracy is ± 0.040 mm (3σ , $Cpk \geq 1.00$) under optimal conditions at Fuji[2].

Q2: What is the component size range supported by the Fuji NXT H08M Head?

A2: The head supports components ranging from 0603 to 45 x 45 mm in size, with a height of up to 13.0 mm[2].

Q3: What is the throughput of the Fuji NXT H08M Head?

A3: The throughput is 13,000 cph in standard mode and 14,000 cph in productivity priority mode[4][5].

Q4: What types of feeders are compatible with the Fuji NXT H08M Head?

A4: The head is compatible with intelligent tape feeders (4 to 104 mm wide) and stick feeders (4 to 32 mm part width)[2].

Q5: What are some of the key features of the Fuji NXT series that complement the H08M Head?

A5: Key features include modular design, panel height detection, auto backup pin function, and compatibility with various accessories like tray units and feeder inspection stations[1][2].



Fuji NXT H08M HEAD with 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



Global Soul Limited



+8613728696610



liyi@gs-smt.com



smtmachinepart.com

Room F3B-016, B Block, Hao Yun Lai Bussiness Building, Liutang road , Bao'an District , Shenzhen, China