Automaattinen liimauskone WPM-331

Model No. WPM-331



SPECIFICATIONS

Malli	WPM-331
Näyttö	Opetuslaatikko (LCD) 320*240
Moottorijärjestelmä	Suljettu silmukkamoottori
Toimintalämpötila	5–40 astetta
Toimintakosteus	20–90 % (ei kondensoitumista)

Achieve Uncompromising Precision and Efficiency with the Advanced Glue Dispensing Machine: Streamline Your Assembly and Enhance Product Quality

Introduction:

In today's demanding manufacturing landscape, precision and consistency in adhesive application are paramount for product quality and production efficiency. Introducing the **Precision Glue Dispensing Machine**, a cutting-edge solution engineered to revolutionize your assembly processes. This advanced machine is designed to deliver **unparalleled accuracy and repeatability** in glue dispensing, replacing inconsistent manual application with automated precision. From delicate electronics to intricate crafts, this machine ensures consistent adhesive application, minimizing waste, enhancing product aesthetics, and boosting your overall production throughput.

Key Features and Benefits: Robust Construction, Precision Engineering, and User-Friendly Design

This Glue Dispensing Machine stands out due to its meticulous design and advanced features, offering a comprehensive solution for demanding adhesive application needs:

- **Robust and Aesthetically Pleasing Construction**: The machine boasts a meticulously crafted **molded aluminum profile construction**. This not only provides a **beautiful and professional appearance** but also ensures **exceptional structural integrity and consistent performance** over time. The rigid aluminum frame minimizes vibration and contributes to the machine's overall precision and longevity.
- **CNC Precision Machined Components for Unwavering Accuracy**: Every mechanical component within this dispensing machine is processed using **CNC (Computer Numerical Control) machining**. This advanced manufacturing technique guarantees **unparalleled precision and dimensional consistency**, critical for accurate and repeatable glue dispensing. Expect consistently flawless results with every application.
- **Innovative Synchronous Belt System for Long-Term Reliability**: Addressing a common challenge in automated systems, this machine features a **special assembly process for the synchronous pulley and motor**. This, combined with a **new technology synchronous belt**, completely eliminates the common issues of **tension and**

looseness that can plague synchronous belts after prolonged use. This innovative design ensures smooth, reliable, and consistent motion over the machine's lifespan, reducing maintenance and downtime.

- **Modular Assembly for Easy Maintenance and Scalability**: Designed for both performance and practicality, the machine employs a **modular assembly process**. This intelligent design allows for **separate dismantling of each key component and position**. In the event of accidental damage, individual parts can be **quickly and easily replaced**, minimizing downtime and streamlining maintenance. This modularity also provides potential for future upgrades and customization.
- **Intuitive Teaching Box (LCD) for User-Friendly Programming**: Programming and operating the machine is made simple and efficient with the included **Teaching Box (LCD) display**. The **320*240 resolution** LCD screen provides a clear and user-friendly interface for setting up dispensing parameters, programming patterns, and monitoring operation. The intuitive interface minimizes the learning curve and allows operators to quickly become proficient in using the machine.
- **High-Performance Closed-Loop Motor System for Precise Motion Control**: At the heart of the machine's precision lies a **closed-loop motor system**. This advanced motor technology provides **highly accurate and responsive motion control**, ensuring precise and repeatable dispensing patterns. Closed-loop systems offer superior accuracy and stability compared to open-loop systems, particularly in demanding dispensing applications.

Technical Specifications:

Feature	Specification
Display	Teaching box(LCD) 320*240
Motor System	Closed-loop motor
Working Temperature	5~40 degrees
Working Humidity	20~90 degrees （No condensation）

Versatile Applications Across Diverse Industries:

This Glue Dispensing Machine is a versatile tool applicable across a wide spectrum of industries, enhancing efficiency and precision in various assembly processes:

- **Electro-acoustic Industry**:
  - Horn Assembly
  - Audio Equipment Manufacturing
  - Buzzer Production
  - Headphone (MP3/MP4) Assembly
- **Communications Industry**:
  - Mobile Phone Case Bonding
  - Phone Button Assembly
  - Telephone Manufacturing
  - Fax Machine Assembly
  - Walkie-Talkie Production
- **LED Industry**:
  - LED Bulb Manufacturing

- LED Point Light Source Assembly
- LED Strip Production

- **Inductor Industry**:
  - Chip Transformer Assembly
  - Small Transformer Manufacturing
  - Inductor Coil Production
  - Small Coil Motor Assembly
  - Relay Manufacturing
- **Electron Industry**:
  - Integrated Circuit Assembly
  - Electronic Component Fixing
  - Electronic Parts Assembly
  - Circuit Board Spot Solder Paste Application
  - LCD Screen Bonding
- **Optical Industry**:
  - Optical Lens Assembly
  - Optical Head Manufacturing
  - Magnetic Head Production
- **Wire Industry**:
  - Switch Assembly
  - Wire Termination
  - Connector Assembly
  - Plug Connector Cable Manufacturing
- **Crafts Industry**:
  - Sticker Application
  - Sign Manufacturing
  - Label Production
  - Decal Application
- **Clothing Industry**:
  - Button Attachment
  - Key Chain Assembly
  - Underwear Buckle Attachment
  - Pendant Assembly
  - Chain Attachment

- Sock Manufacturing (e.g., non-slip grip application)

Conclusion:

The **Precision Glue Dispensing Machine** is more than just equipment; it's an investment in quality, efficiency, and long-term productivity. Its robust construction, CNC precision, innovative design, user-friendly interface, and versatile applications make it an invaluable asset for manufacturers seeking to optimize their adhesive dispensing processes and achieve superior product quality. Upgrade your assembly line today and experience the difference that automated precision can bring to your operations.