

Recommended Optical Module Dispensing Machine



Overview

Vision-guided automated dispensing systems are essential for applications that require extremely accurate, repeatable, or guaranteed fluid deposit placement and/or complex dispensing patterns. MRSI is the leading manufacturer of fully automated, high-speed, high-precision and flexible eutectic and epoxy die bonding systems for R&D, NPI, and high-volume manufacturing of photonic devices such as lasers, detectors, modulators, WDM/EML TO-Cans, Optical transceivers, LiDAR, VR/AR, sensors. From manual workstations and integration solutions to fully automated production lines, our portfolio includes versatile dispensing technology for the efficient processing of thermal pastes, epoxy resins, polyurethanes, and silicones. The use of vision helps these systems deliver faster production cycles and removes the guesswork from your. Each dispensing module is designed to operate independently, thus preventing cross-contamination between production batches and maintaining high quality and safety standards. **ONLY ONE SYSTEM UP TO FOUR.** Mastering the process of dispensing is one of the key enablers for high-precision optics assembly.

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GS600SD Dual-Valve Dispensing Machine, a cutting-edge inline solution for semiconductor packaging, camera modules, and high-precision optical parts.



The MRSI-175Ag Epoxy Dispenser handles the most demanding dispensing applications such as advanced packaging, microwave modules, optical modules, hybrid circuits, multichip modules, and ...



Explore our range of advanced automatic desktop dispensing robots for accurate, high-speed adhesive application. Perfect for electronics, automotive, medical, and more.



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We have the right dispensing system for every requirement. From manual workstations and integration solutions to fully automated production lines, our portfolio includes versatile dispensing technology ...



After a brief overview of the jet-dispensing technology and the dispensing tool used within the machine, this paper introduces a calibration module for contact-less dispensing systems.



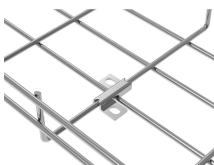
With its high degree of intelligence, the SmartDispenser ® is able to supply the precise amount of epoxy to each LC, MT and SC fiber optic connector, guaranteeing exact replication.



Dedicated to providing the highest quality dispensing solutions and customer support since 1963, Nordson EFD leverages a depth of application knowledge with every precision dispensing product ...



New Technology FeaturePro Series with CCD Smart CameraEv Series with Pencil CameraThe 3-axis EV Series dispensing robot, with its fully integrated simple vision system and the same DispenseMotion software as the PRO Series, provides vision-based programming and other standard features such as part presence/absence and wrong part identification. Intuitive dispensing software integrated with the relatively inexpensive pencil camer...See more on nordson Comecer



The next generation MRSI-175Ag Epoxy Dispenser handles the most demanding dispensing applications such as advanced packaging, microwave modules, optical modules, hybrid circuits, ...

Contact Us

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