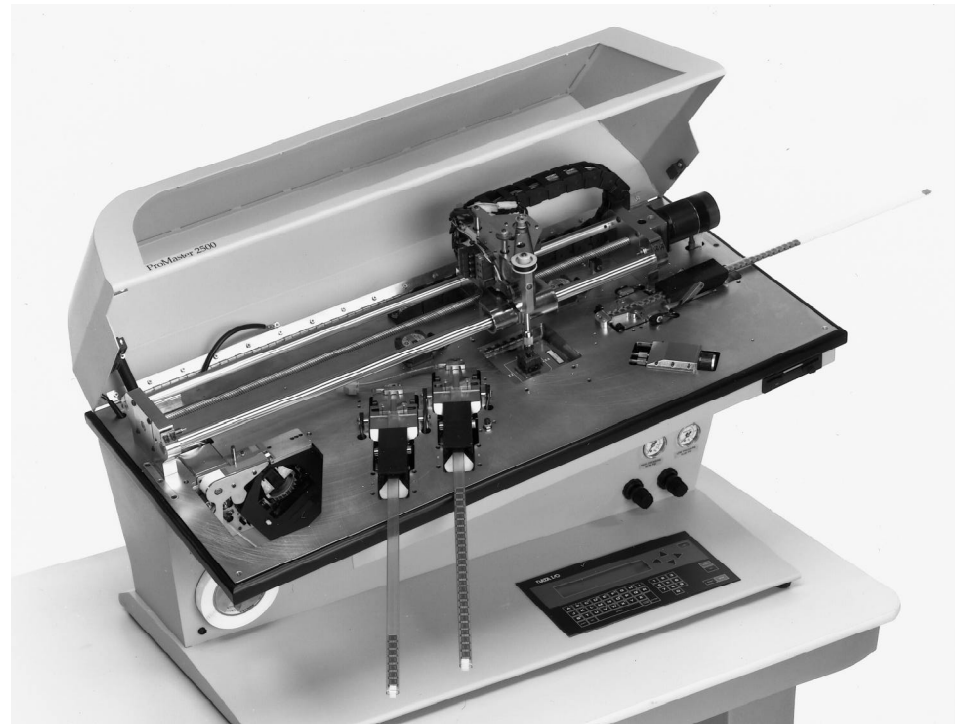# ProMaster 2500

- Programs, tests, labels, and sorts in a single-pass, tube-to-tube operation
- Supports SOIC, PLCC and DIP packages
- Easy-to-use PC-based software provides integrated control of all system components
- Two user modes (system administrator and operator) tailor the interface and control options to the user's skill level
- Context-sensitive, on-line help provides immediate assistance at the touch of a button
- Open handler architecture allows easy operator observation and access
- Optical sensors monitor and regulate the flow of devices for smooth operation
- Automatic tracking of the number of devices successfully programmed ensures accurate job completion

Data I/O's ProMaster 2500 is a fully integrated, automated system for handling, programming, testing, sorting, and labeling programmable devices. The first device-handling system in the industry to incorporate programming hardware within its design, the ProMaster 2500 reaches a new level of system integration, making operation simpler and more reliable than ever. Providing universal support for devices in 300- through 525-mil SOIC, PLCC packages up to 84 pins, and DIP packages up to 32 pins, the ProMaster 2500 programs, labels and sorts as many as 500 devices per hour. Its state-of-the-art pick-and-place handling technology minimized damage to delicate surface-mount devices for safe, high yield SMT production. Automated tube-to-tube processing also eliminates human error and device damage, and minimizes any electronic discharge (ESD) damage caused by human handling. A high-density dot matrix printer quickly prints and applies device labels in one swift and precise operation.

To ensure the highest quality programming results, the ProMaster 2500's advanced programming electronics are specially designed to minimize the distance between the pin drivers and the devices being programmed. Manufacturer-certified algorithms are also used for optimal reliability and yields. As a result, the ProMaster 2500 can accurately and reliably support today's high-speed devices with fast edge rates. Throughout the entire handling, programming, and labeling process, optical sensors continuously monitor devices to ensure optimal reliability. Extensive diagnostic self-tests also assure system integrity and help minimize downtime by simplifying troubleshooting.

INTEL FLASH MEMORY SUPPORTED:
28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SA, 28F016SC, 28F016SV, 28F016XD, 28F016XS, 28F032SA

AVAILABILITY:
Now

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