



QMT-1100 "M" Plus

The QMT-1100M PLUS makes an ideal system for Loading Parts Manually with Vision Inspection prior to sealing the cover tape. The optional large Stainless Steel work surfaces provide the operator with a system they will enjoy using. With 3 Vision Systems to choose from we can help you with a system to fit your needs and price range.

The QMT-1100 M's precision tape moves are accomplished by a closed loop servo control system that can exceed 12,000 PPH. Dedicated I/O for direct communications between the QMT-1100M "PLUS" and your automation equipment create the ideal interface for optimum performance.

The QMT-1100 M Plus offers...

- Large stainless steel work surfaces allows this unit to be easily used as a manual workstation
- Integratable to a variety of vision systems
- Quick easy changeover without dedicated tooling
- Fully adjustable, accommodating 8-72 mm wide carrier tapes seals HAA "Heat Activated Adhesive" and PSA "Pressure Sensitive Adhesive" cover tapes
- Micro adjustable sealers provide accurate seal locations
- Programmable leader and trailer lengths
- Simple menu set-up
- Adjustable motor speed and acceleration for fast and smooth operation
- Empty pocket detection - Audible alarm sounds halts operation.
- Optics swing away for easy empty pocket fill
- Carrier tape supply arm can be positioned on left or right side of machine (must be specified at time of order)

The QMT-1100 M PLUS platform allows us to offer a custom design to fit your application.

Q Corporation is known for a willingness to design for specialty applications and reliable support.

Depend on genuine Q Quality

Q Corporation is a recognized world leader in component handling of leaded and surface mount technology. For over 30 years, companies throughout the world,



Sleek design places all controls in easy access



SPECIFICATION	
Tape Width	8mm-72mm
Tape Pitch	2mm-72mm
Carrier Tape Type	All Embossed Plastic Optional: Paper Tapes
Cover Tape Type	Pressure Sensitive Adhesive, Heat Activated Adhesive
Seal Temp	User selectable: 75°F - 450°F (24°C - 232°C) Optional: Dual Controller
Seal Pressure	User Selectable
Reel Diameter	13" or 22" Optional: 22" Deep Pocket Arm
Throughput	Throughput is determined by the amount of time the tape is stopped while the host system loads a part into the pocket. Example: 20,900 pph can be achieved with an 8mm pocket pitch and a load time of 100ms.
Leader Length	User Selectable
Trailer Length	User Selectable
Component Counter	User Selectable
Empty Pocket Detection	Optional: Through-beam optic for positive identification.
Power	120 VAC 60 Hz. 10 amp Optional: 220-240 VAC 50/60 Hz.
Air Supply	60 psi @ .25 CFM minimum of clean dry air
Foot Switch	Tough for production environments.
Systems Communication Interface	3 digital I/O channels (2 Outputs, 1 Input) Optional: Other configurations
Tape Drive System	Precision sprocket driven by encoded servo motor and matched control system
Front and Rear Stainless Steel work surfaces	Optional
Vision System	Optional