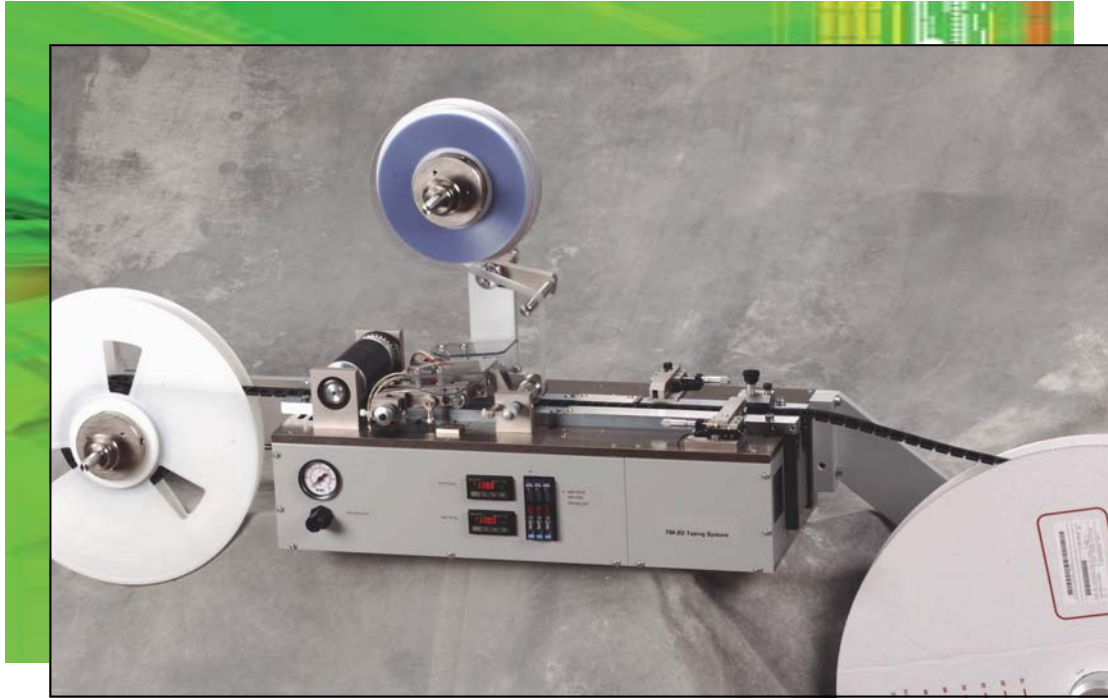


TM-20



OEM Taping System

The TM-20 is a compact, full featured SMD taping module for the OEM market. The module is supplied fully assembled with tape drive, sealing station, infeed and outfeed reel supports, cover tape support and fault sensing. The TM-20 can accommodate 8-56 mm tape with minimal tooling change and accept virtually all heat sealable and pressure sensitive tapes.

The TM-20 uses a stepper motor and optical sensing for extremely accurate tape positioning. The sealing mechanism can operate in continuous, intermittent and reciprocating modes. The sealing shoes feature a "floating" design and are pneumatically actuated, with individual temperature control for each shoe.

The taping module is designed for fast and accurate changeover. A gauge sets the position of the tape guide rails, and micrometers are used for positioning of the sealing shoes. Sensors are provided to detect part missing-in-tape and part up-in-tape conditions.

The TM-20 can be easily interfaced to a host computer or programmable logic controller. An optional control package is available to provide full process control within the taping module with only a simple handshake required with the host system.

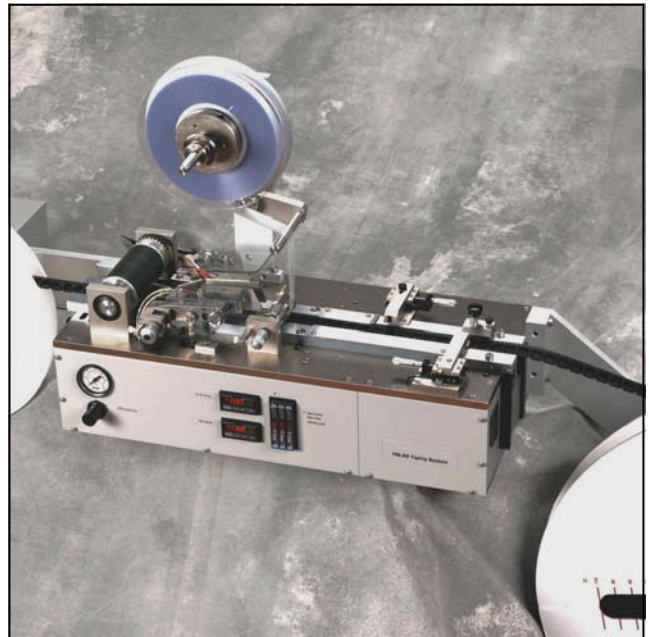
Features

- Compact size, yet full featured
- Designed for OEM applications
- Accommodates a wide range of tape sizes
- Versatile sealing module accommodates heat sealable and pressure sensitive (PSA) tape
- Highly accurate stepper motor tape indexing
- Multi-mode sealing: Continuous, Intermittent and Reciprocating sealing modes available
- Missing Part Detection
- Part-Up-In-Tape Detection
- Quick changeover among tape sizes
- Rugged construction for long life and low maintenance

TM-20

Specifications

- Tape Size: 8-56 mm
- Tape Pitch: 4-56 mm
- Max Pocket Depth: 0.50 in (12.7 mm)
- Dimensions: 21 x 9 x 5 in (high)
(53.3 x 22.9 x 12.7 cm)
(base unit excluding reel support arms)
- Temperature Control: Dual control with digital readout
- Electrical: 115 VAC, 50/60 Hz, 4 Amps
- Air: 50 psi, 2 CFM
- Input Reel: 30 in (760 mm) OD
- Output Reel: 13 in (300 mm) OD



Options

- TM-20C Control Package (includes control panel and single board computer)
- Low Cover Tape Sensing
- 2 mm Tape Pitch
- 8-72 mm Tape Capability*
- 8-120 mm Tape Capability*
- 22 in (560) Output Reel
- Manual Load Station

*Note: Includes 25 mm pocket depth capability



Optional Control Package



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