

Cooper EM5000

Solution for sensing

Good tested devices are collected into Vibration Bowl or tubes, depends on the customer requirement. For example, in case of bowl, the module makes 100% component orientation and feeds them to Linear Vibration Transport. Rotary Gripper takes the devices and rotates, or directly transfers them to Trim & Form Tool, where they are formed and trimmed to different lead shapes (tool dependent).

A high performance handling system provides devices for Trim and Form and Tape on Reel. Device selection is sorted according results of process on defined pass or fail bins and/or tape. The process is automatically and is defined by recipe.



Tube-to-tape & reel

DATA SHEET

- Machine speed: 2000 UPH
- Cycle time: 1,8 sec
- Trim accuracy: $\pm 0,25$ mm
- Form accuracy: $\pm 0,5^\circ$
- Detect ability: 0,05 mm
- Voltage: 400 V, 3 phase
- Weight: 650 kg

FEATURES AND BENEFITS

- 100% Automatic Optical Inspection (AOI)
- Automatic Tape on Reel (TOR)
- 100% In-Tape Inspection System
- Air forced track and Z-movement system
- Device selection is sorted automatically
- Defective devices found by In-Tape Vision can be replaced automatically

OUT DIMENSIONS (MM)

- Total length: 1800
- Width: 940
- Height: 990



Bowl-to-tape & reel