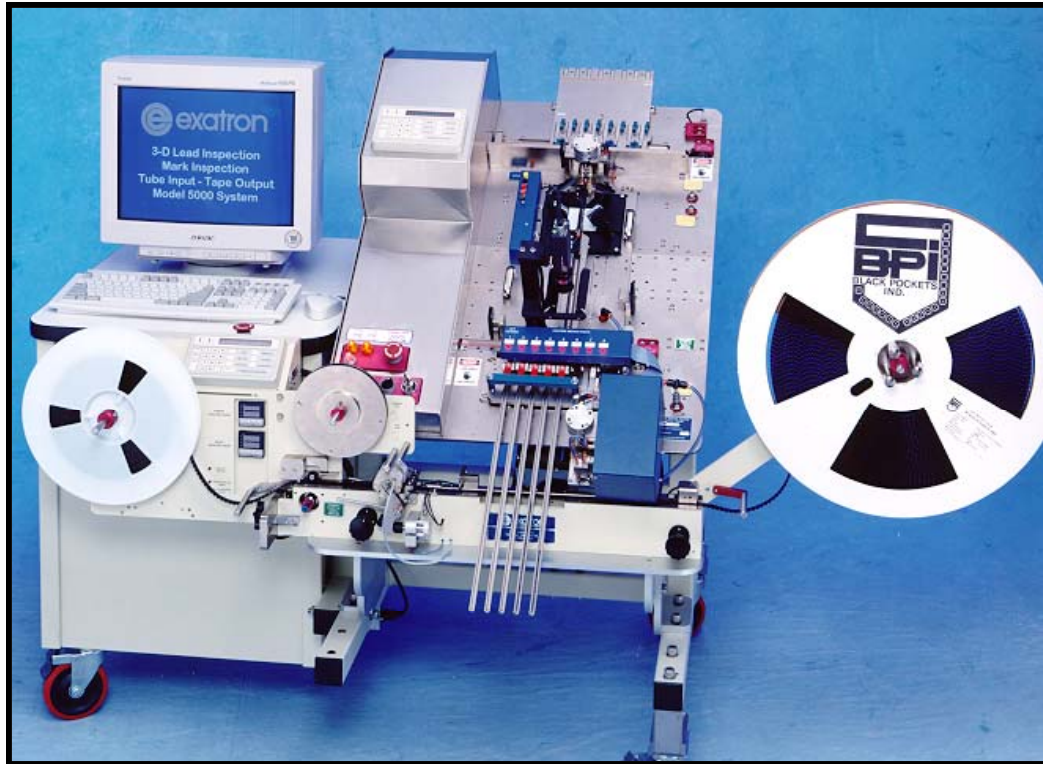


# Model 1050

## Model 5000 - Tape & Reel Machine



- Simple to use; easy to set up
- PSA and Thermal Seal tape capabilities
- 8mm to 72mm tape width range
- Option for integration with the Model 5000 Handler
- Quick change input track “mini-kits”
- With handler output or standalone operation; no additional PC required
- Independent seal head pressure and temperature control with over-temperature protection
- Micro terminal for current status, set up and diagnostics

The Model 1050 is an automatic taping machine that is integrated to the output of any Exatron Model 5000/5080 Gravity Feed Handler. Both **PSA**, **P**ressure **S**ensitive **A**dhesive, and thermal seal taping supplies can be used. One of the handler's output sorts feeds good devices into a small pick & place mechanism. The pick & place picks up one device at a time and then loads the device into a carrier tape pocket. The tape is sealed as it advances to place the next device into the tape. The taper is automatically started and stopped by the handler. The taper runs independently from the handler. In most applications the taper does not affect the handler UPH. Standard tubes can be used on 5 sorts of the handler. The sixth sort is used by the taper. The taper mechanically blocks the seventh & eighth handler sorts.

Changing from one size device to the next is quick & simple. The pick & place mechanism uses a mini-kit for device change over. Changing the mini-kit requires the removal of a few bolts. Occasionally, the pick up head changes when a wide range of device sizes is required. All of these mechanical adjustments and change over can be done in just a few minutes.

Tape set up requires adjusting the width of the tape path and changing a cover tape guide. The tape path can be adjusted by turning a crank until the desired tape width is reached. Changing the guide requires loosening & tightening two bolts. The guide guarantees proper mechanical alignment of the cover tape to the carrier tape. This guide is the only tooling required. The seal head pressure is independently adjustable and may or may not be adjusted at change over. There is a unique counterweight for seal pressure adjustment that is very simple and very consistent.



Change over from PSA to thermal taping requires changing PSA roller heads to thermal heater heads. This requires one bolt per head and a simple adjustment. When using thermal seal, each head has independent temperature control and over-temperature protection.

- Built-in PLC Computer control
- Option for the output of a Model 5000 handler
- Extensive self-diagnostic software
- Empty pocket, tape empty, out-of-pocket sensors standard
- Size: 60"L by 16"W by 16"H
- Weight:: 55 lbs
- Power: 100-120 VAC 60 Hz or 220-240 VAC 50 Hz (Specify at time of order)
- Air: 80 PSI 1CFM Clean shop air required
- 1 year factory warranty

### Options:

- Tooling for additional device/tube sizes
- In-pocket Inspection (Pin 1, mark, bent pin, other)
- Spare parts kit
- On-site installation



**In-pocket inspection option**