

## MAINTENANCE:

Your PM-300 requires no maintenance.

### Product Limited Warranty

All Labelmate Products are warranted to the original end-user customer to be free from defects in materials and workmanship. If it is determined by Labelmate that a product has failed under the terms of this warranty, the product will be repaired or replaced at no charge to the customer. Labelmate reserves all rights to determination of coverage and liability under this warranty. The warranty period for all new Labelmate products is outlined below:

Warranty Period	Products Covered
5 years	Label Rewinders Label Unwinders
3 years	Label Counters (mechanical parts only) Label Slitters (mechanical parts only) Label Dispensers Printer Mechanisms
1 year	Power Supply Modules Counter modules Encoders Any products not specified above.

The warranty period for all products starts on the date purchased by the original end-user customer. Warranty coverage is not transferable with ownership and will terminate immediately upon rental, resale or any other change in ownership. This warranty does not cover repair to any product which is damaged, has been modified, is missing parts, or has been opened or repaired by any unauthorised person. Use of any unauthorised accessory or attachment will void coverage. Purchase documentation should be retained for coverage verification.

In the event your product requires service, please contact the distributor you bought the product from. The customer assumes responsibility for all cost and risk incurred in transport for service.

Labelmate makes no other warranty of any kind expressed or implied, or to suitability or fitness for a particular purpose. No other person, agent or reseller is authorised to give any warranties on behalf of Labelmate. Any obligation to warranty other than that specifically addressed above is hereby disclaimed.

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# LABELMATE PM-300

## Reel-to-Reel Printer Mechanism for Ink-Jet Heads

- Secured DB-9 Print Head Connector
- Encoder 2.048 Pulses per Revolution = Linear Resolution of 0.0407-mm.



**Remove all parts from the shipping container and verify contents.**

### Package Contents

- User Manual (this document)
- PM-300 Printer Mechanism Unit
- Power Supply Module

**Retain the Shipping Container and Packaging for Storage and Transport**

- **KEEP MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE** •

## SPECIFICATIONS:

**Max. Label Roll Weight:** 6Kg (13.2Lb)  
**Max. Label Roll Size:** 300mm (12") diameter  
**Speed:** Min. 65cm/sec – Max. 275cm/sec. Min. speed specified with a 76mm take-up roll diameter.  
**Power Supply:** 100-230V – 50-60 Hz. AC Input. DC Output: 24V @ 4.17A

## SET-UP:

1. Plug the Power Supply Output Cable to the Power Jack on the Rear Panel of the PM-300. Plug the Power Supply into a suitable AC Power Mains Outlet. Place the Power Switch on the rear of the PM-300 to the "ON / 1" position.
2. The Optional Counter (if included) is pre-programmed as a Preset Count-Up Counter. To use the preset function, input the desired number of labels with the Push Buttons on the Counter. If you do not use preset, set the value to "0".
3. When the preset number of labels is reached, the PM-300 will stop. Pressing the "Reset" (red button) on the Counter will reset the count to zero so the PM-300 can be started again. A duplicate Reset Switch is located on the left side of the unit.

## FRONT CONTROL PANEL:



**POWER (GREEN):** Indicates power is applied to the unit. The ON-OFF Power Switch is on the rear of the Unit.

**ERROR / STOP (RED):** Indicates that the unit is in STOP mode or an Error Condition has occurred. Four ERROR conditions can occur:

1. The unit is Out Of Paper.
2. The counter has reached the Pre-Set Value.
3. There is a Print Head Error condition. e.g.: No more ink (condition valid only if the Print Head supplies this signal).

**INK LOW (RED):** Indicates that the Print Head has sent an Ink-Low Signal.

**GAP (YELLOW):** Flashes when unit is running, to indicate proper detection of the Gap between successive Labels.

**START BUTTON (WHITE):** Start printing, if no Error Condition is present.

**STOP BUTTON (RED):** Stop printing.

**SPEED CONTROL:** Variable Speed Control from zero to maximum.

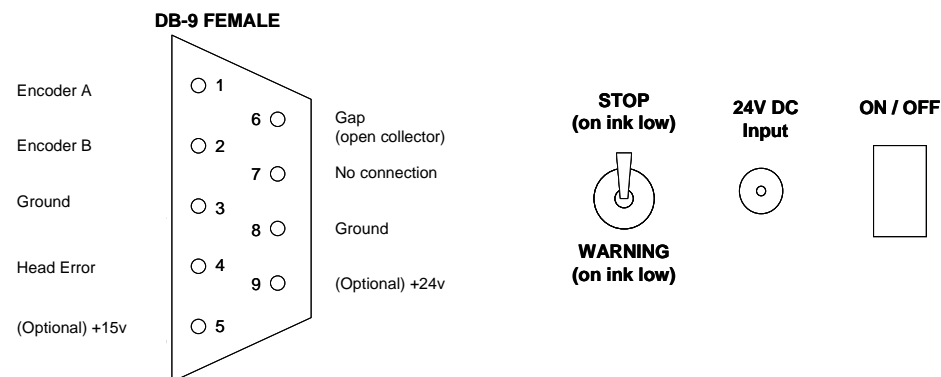
## LEFT SIDE CONTROL PANEL:



**SPEED VARIABLE or MAXIMUM :** A two (2) position Selector Switch on the left side of the unit allows the user to select MAXIMUM (MAX.) SPEED (not adjustable) or adjustable speed set by the Speed Control Knob. The MAX. Speed in this position (potentiometer fully clockwise) is about 10% lower than the speed obtained in the MAX. Speed position of the Speed Switch. When the printing is correct, the unit can be used at MAX. Speed at all times.

**COUNTER RESET:** Duplicate Counter Reset Switch performs same function as Rest Button on the Counter Module itself.

## CONTROLS & HEAD CONNECTOR ON REAR OF THE UNIT:



## **DB-9 HEAD CONNECTOR PINOUTS**

**POWER SWITCH:** ON/OFF

**24V INPUT CONNECTOR**

**SELECTOR SWITCH:** Stop On Ink Low or Warning Light Only (Ink Low).

