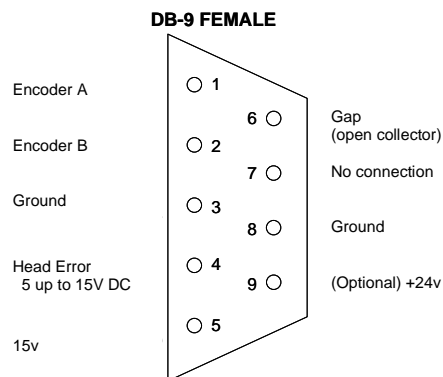


FRONT PANEL HEAD CONNECTOR:



DB-9 HEAD CONNECTOR PINOUTS

WARRANTY:

The PM-300 Reel-to-Reel Printer Mechanism is backed by LABELMATE's famous 3-Year Parts and Labour Limited Warranty. 1-Year Warranty on Power Supplies, Counters and Encoders. See separate document for detailed warranty conditions.

MAINTENANCE:

Your PM-300 requires no maintenance.



WARNING

**This product is for indoor use only.
Not for use in wet locations**

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LABELMATE PM-300/PM-300-U

Reel-to-Reel Printer Mechanism For Ink-Jet heads



- **Secured DB-9 Print Head Connector.**
- **Encoder 4095 Pulses per Revolution = Linear Resolution of 0.0407mm**

Remove all parts from the shipping container and verify contents

PACKAGE CONTENTS:

- *User Manual (This document)*
- *PM-300 Printer Mechanism Unit*

Retain the Shipping Container and Packaging for storage and Transport

SPECIFICATIONS:

Max. Label Rolls Weight: 6Kg.
Max. Label Roll size: 300mm diameter
Speed: Min. 65cm/sec. – Max. 150cm/sec. for LS et 220cm/sec. for HS. Max speeds specified with a 76mm take-up roll diameter and reached at the end of the roll.
Power input : 230V – 50-60 Hz. AC Input. 115V on request.

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

IMPORTANT INFORMATION:

- ❑ This product is a reel-to-reel label printer mechanism (with optional) counter. It is only to be used to print (rewind/unwind) labels to of the recommended dimensions and weight in an indoor, dry environment.
- ❑ The machine has to be unplugged before any manipulation.
- ❑ The machine is to be used on a flat surface.
- ❑ Do not leave the power cable in a passageway.
- ❑ The ambient light of the working area needs to be sufficient to avoid any risk.
- ❑ The PM-300-B can be used in ambient temperatures of +2°C to 40°C.
- ❑ Connection of the machine to the power source must respect local and European legislations.

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" 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 either the unit is in STOP mode or one of the three Error Conditions has occurred:

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, indicating proper detection of the Gap between successive Labels.

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

STOP BUTTON (RED): Holding down this button will stop the machine when the next gap passes in front of the photocell.

SPEED CONTROL: Varies the speed from zero to maximum.

LEFT SIDE CONTROL PANEL:



RESET: The new left-side control panel has three items. The toggle switch (reset) is a momentary closing switch that has the same function as the reset button on the counter, but is more convenient for the operator.

ADJUST: Potentiometer.

TEST: Green LED

ADJUSTING THE LABEL DETECTOR PHOTOCELL:

The label detector photocell has been adjusted at the factory (potentiometer fully CCW) and requires no adjustment for a large variety of labels. However, some specific labels (very transparent or relatively opaque backing paper) might require adjustment of the photocell.

Load a roll of labels on the machine, and position the backing paper in front of the photocell. Make sure that the labels are tensioned when doing the test. The LED should light on. If not, rotate the potentiometer till LED goes on "green". Now put a label in front of the photocell, the LED should turn off.

CONTROLS ON REAR OF THE UNIT:



On the rear panel, besides 230V input power connector and the "On-Off switch", there are 2 other switches:

- One controls the rewind direction, to rewind with labels "in" or "out".

- The other switch lets you decide if you want the machine to stop when an head error occurs (e.g. low ink), or simply turn-on the error light on the front panel.

DO NOT CHANGE DIRECTION WHILE THE MACHINE IS RUNNING. THIS COULD PERMANENTLY DAMAGE THE MACHINE.