

# RRC-300-U

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## *Universal Reel-to-Reel Counter*

- *Variable Speed Control*
- *6-Digit Digital Pre-set Counter*
- *300mm (12") Roll Diameter*



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

### **Package Contents**

- *User Manual (this document)*
- *Sensor User Manual*
- *RRC-300-U Unit*
- *Power Supply Module*
- *Separate User Manual for Counter Unit*

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

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

## SPECIFICATIONS:

<b>Max. Label Roll Weight:</b>	6Kg (13.2Lb)
<b>Max. Label Roll Size:</b>	300mm (12") diameter
<b>Power Supply:</b>	Input: 220-240VAC – 50-60Hz. Output: 24VDC – 4.17A.
<b>Speed:</b>	Min. 65cm/sec with 76mm take-up roll diameter.

## SET-UP:

1. Plug the Power Supply Output Cable to the Power Jack on the Rear Panel of the RRC-300-U. Plug the Power Supply into a suitable AC Power Mains Outlet. Place the Power Switch on the rear of the RRC-300-U to the "ON / 1" position. Observe that numbers are displayed on the Counter.

*See the separate User Manual for the Counter Modules itself for other operations.*

2. The Counter is pre-programmed as a Preset Count-Up Counter. If you want to use the preset function, introduce the number of labels with the blue push button on the counter. If you do not want to use preset, set the value to "0".
3. When the preset number of labels is reached, the RRC-300-U will stop. Pressing "R" on the counter will reset the count and restart the RRC-300-U.

## OPERATION:

The RRC-300-U uses a state of the art ultrasonic fork detector that allows the RRC-300-U to count almost any type of labels, including transparent labels.

The ultrasonic detector detects the labels by sensing the difference in thickness between the backing paper and the backing paper plus label.

The gap between two successive labels should at least of 2 millimetres (mm). The label should of minimum 5mm height; the maximum width is 130mm.

The detector has been adjusted at the factory but may need to be re-adjusted slightly for your labels. The procedure for calibrating the detector is described in the enclosed sensor user manual. The detector is normally set for dark switching.



### **WARNING!**

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

## IMPORTANT!

It is recommended to use the machine at its maximum speed. Keep unwind plate clean of particles and glue.

## 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 photocell adjust is set at the factory (fully clockwise). It should require no field adjustment. It is used only to detect the end of the paper roll.

## MAINTENANCE:

Your RRC-300-U requires no maintenance.

## WARRANTY:

The RRC-300-U Reel-to-Counter is backed by LABELMATE's famous 3-Year Parts and Labour Limited Warranty. 1-Year Warranty on Power Supplies, Counters and Encoders.

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