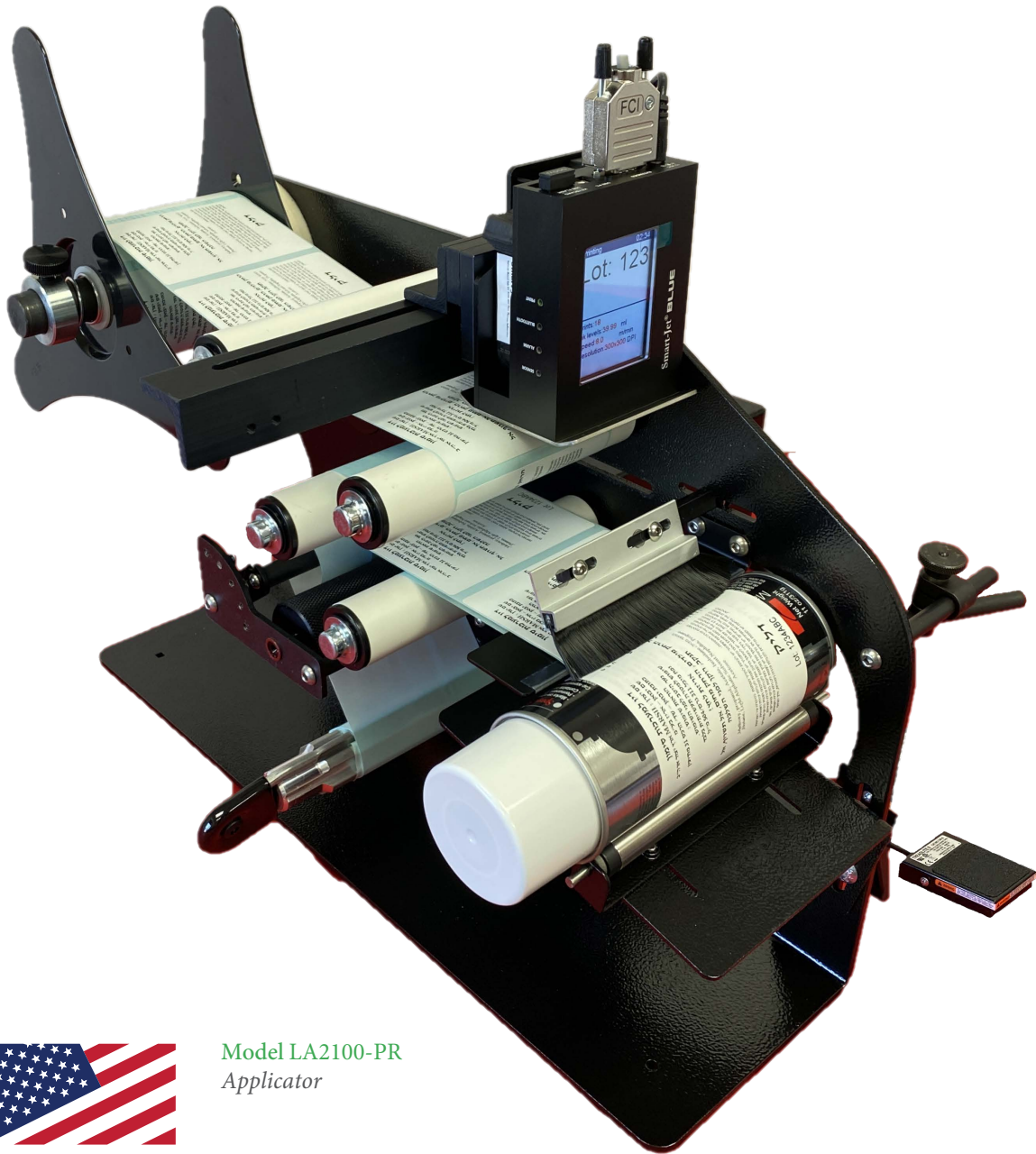




Operations Manual LA2100-PR

Label Applicator - Printer Ready



MADE IN USA

Model LA2100-PR
Applicator



MSSC, LLC

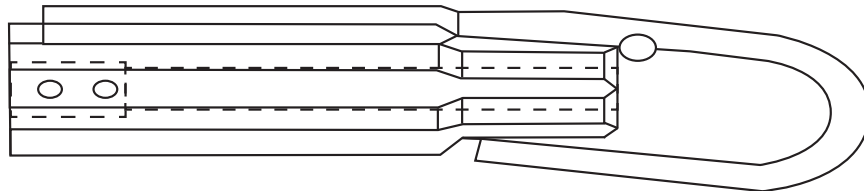
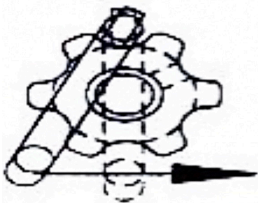
Marking | Stenciling | Sealing | Coding | Labeling

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1. Remove outer unwind disc (47) install new roll of labels and replace disc.
2. Pull label web under the first roller (28A), through the photo eye (23). Continue pulling the web around the next roller (28B). Pull the web over the top and around the back of Label Stop roller (28C). Then pull the webbing back to the front of the applicator and over the Peel Plate (1).
3. Rotate Brush and Holder (41) up to allow web clearance.
4. Pull web around the Peel Plate (1).
5. Pull web back and over idler roller (28D), then under the drive roller (30), then pull the web up between the drive roller (30) and pinch roller (26), then back down to the waste wind shaft (45).
NOTE: The pinch roller (26) is spring loaded. Slight pressure will be needed to separate the pinch roller from the drive roller for threading. Make sure not to go around outboard support shaft (27).
6. Install waste wind clip (46) on waste wind shaft (45) placing the webbing between the shaft and the clip.



7. Cycle the applicator by stepping on the footswitch (24) a few times to allow label to align.





TEACHING THE PHOTO EYE:

1. It is recommended that you teach the photo eye (23) with every new roll of labels used.
2. Remove one label from the webbing and place the webbing only in the photo eye.



3. Press and hold the “Normal” button on photo eye for 3 seconds. When the lights finish flashing the photo eye is taught.

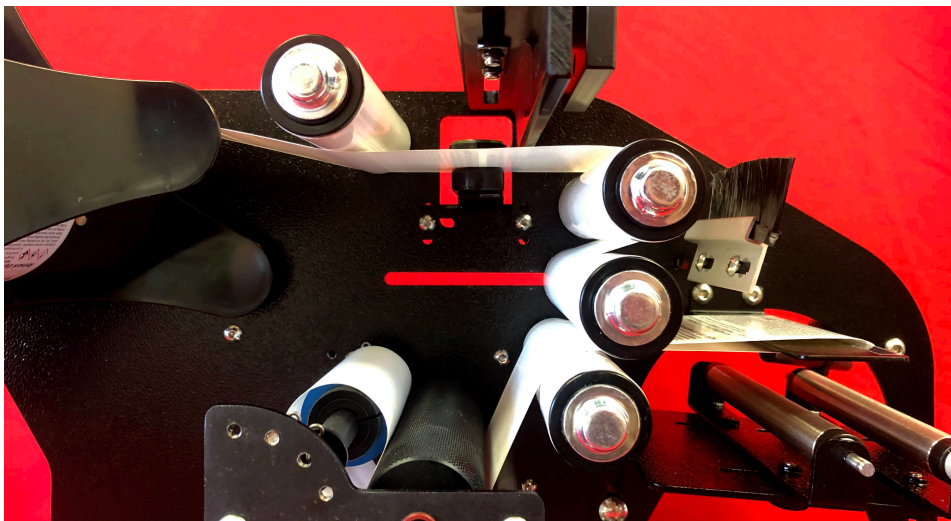




SETTING LABEL STOP:

1. When setting the label stop, one label must dispense completely, with the next label stopping at the Peel Plate (1).
2. Slide the Label Stop Roller (28C) so it is as far forward as possible. Cycle the unit once by stepping on the footswitch (24) to determine how much of the label is being dispensed.

NOTE: Rotate Brush and Holder (41) up to allow visual of peel plate if needed.



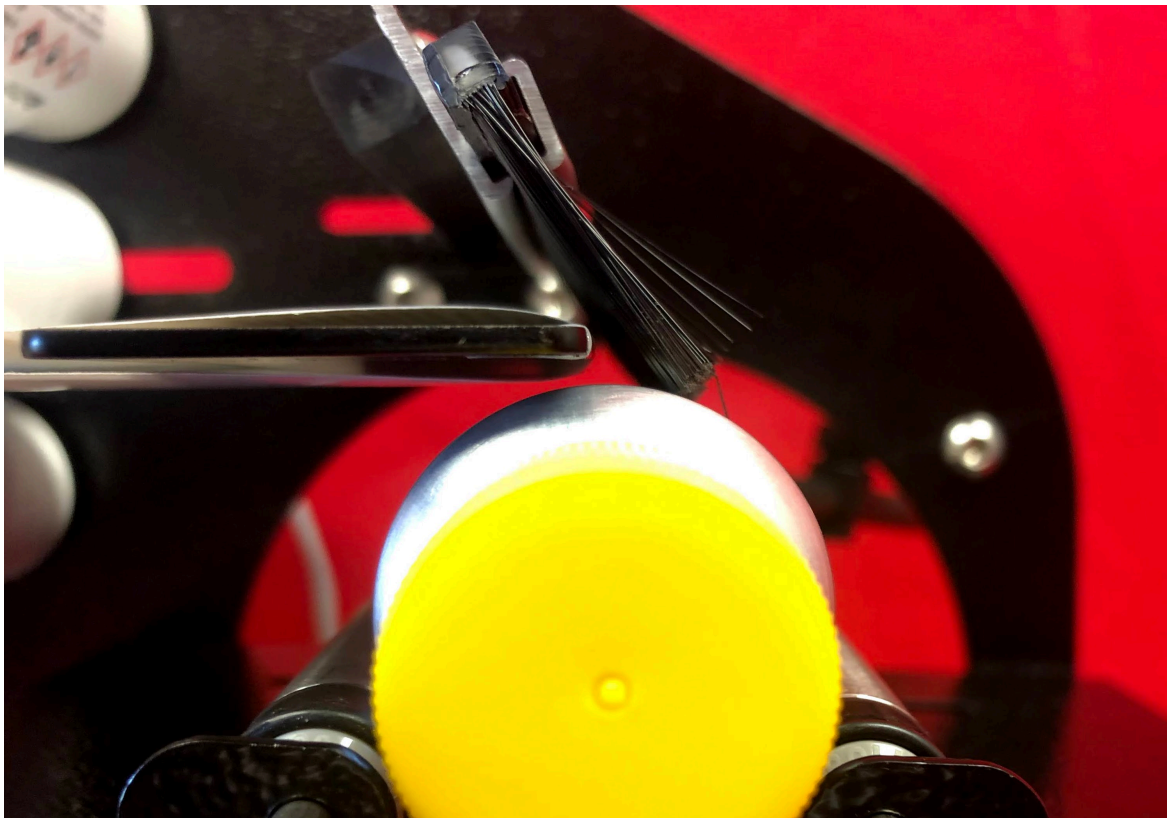
3. Slide the label stop roller (28C) toward the back of the machine in small amounts. As the roller is moved back, the stop position of the label will be adjusted. Continue moving roller until a label gap is stopping at the Peel Plate (1).

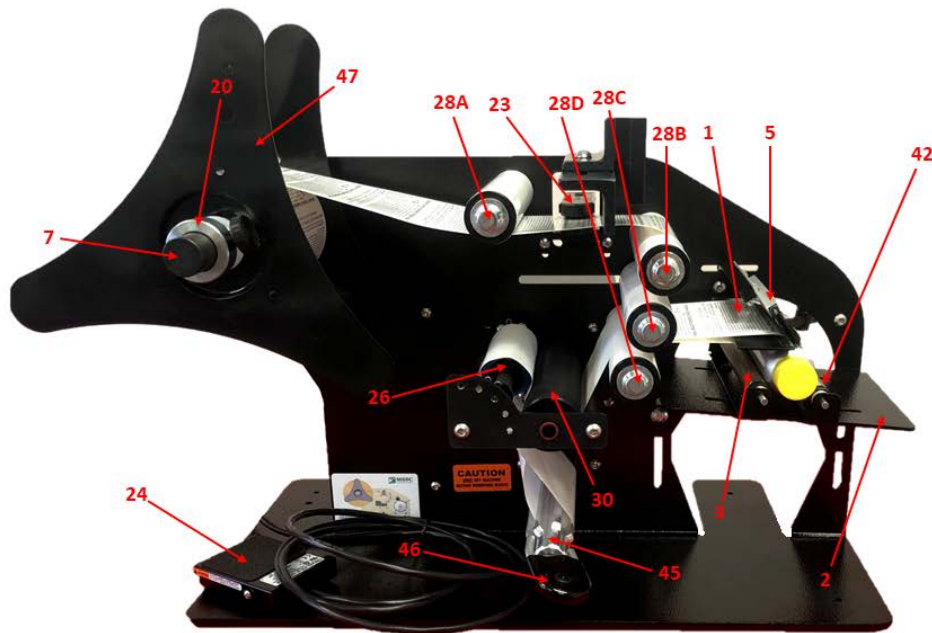
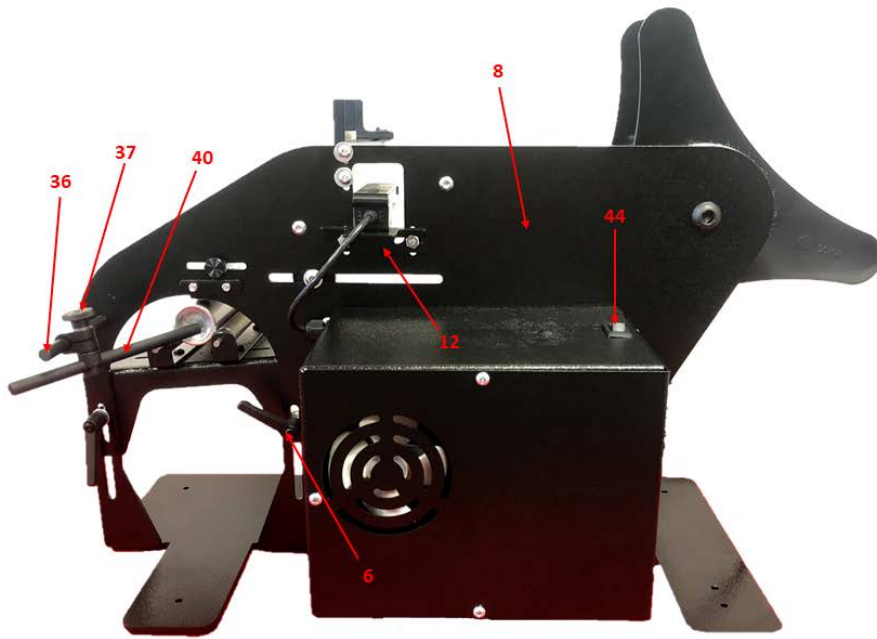




LA2100-PR PRODUCT CARRIAGE ADJUSTMENT

1. Loosen the thumb screws under the product support rollers (42)
2. Adjust rollers so your product is centered under the Peel Edge. The product should be setting on the rollers so it will roll easily. Keep the center of the bottle lined up with the peel edge. It is also often useful to have a slight downward angle to the carriage.
3. To raise or lower the product carriage, loosen the two product Carriage Ratchet Handles (6) on the main frame (8).
4. Raise the carriage to make a gap of approximately 1/16” between the bottom of the peel plate and the product.
5. Rotate Brush and holder (41) down to help apply labels to product.





Item#	Description	#
-	Peel Plate	1
-	Carriage Support	2
-	Roller Support Bracket	3
-	Wipe Down Support Rod	5
-	Carriage Ratchet Handle	6
-	Unwind Shaft	7
-	Frame	8
-	Housing	9
-	Housing Cover	10
-	Outboard Support Plate	11
-	Label Sensor Bracket	12
-	Pinch Roller Shaft	13
-	Gates Drive Belt	14
-	Motor Spacers	16
-	Left Torsion Spring	17
-	Right Torsion Spring	18
25112	Washer	19
25113	Spring	20
-	Collar	21
-	Hub Screw	22
-	Tri-Tronics Photo Eye	23
-	Footswitch	24
-	1/2 -13 BHSCS	25
-	Pinch Roller	26
-	Outboard Support Shaft	27
-	Idler Roller (A, B, D)	
-	Label Stop Roller (C)	28
-	Pinch Roller Side Plate	29
-	Drive Roller	30
-	Plastic Bearing	31
-	Plastic Bushing	32
-	Plastic Bushing	33
-	Rewind Bracket	34
-	V Belt Tensioner	35
-	Extension Rod	36
-	Guide Clamp	37
-	V Belt Pulley	38
-	V Belt Tensioner Roller	39
-	Guild Rod Support Shaft	40
-	Brush and Holder	41
-	Product Rollers	42
-	Control Board	43
-	On/Off Switch	44
-	Waste Wind Shaft	45
-	Waste Wind Clip	46
-	Unwind Disc	47
-	Fuse Holder	49
-	Fuse	50
-	Power Cord	51
-	Felt Pad	52
-	Heavy Duty Motor	53
-	Small Cord Grip	54