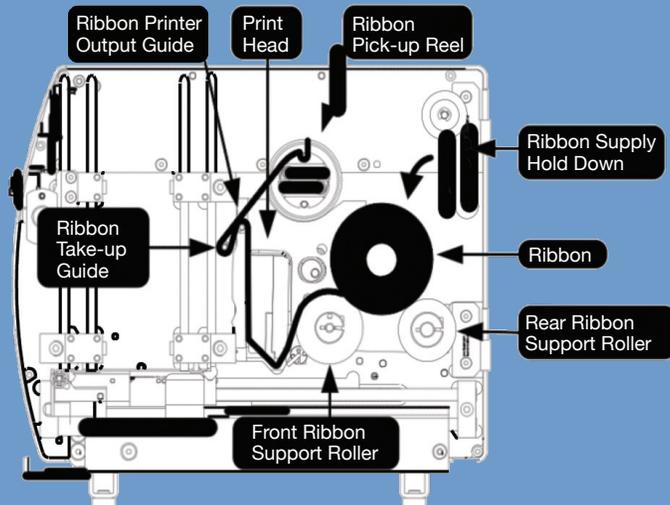


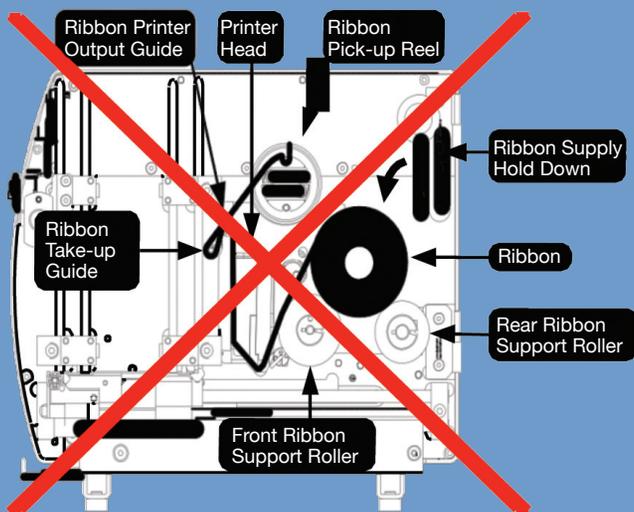
### Ribbon Loading Procedure

Route the ribbon through SlideMate slide printer unit as shown in the figure 1 below. To access the Load Function; press setup button on the Left, then Load button on the right. This allows the ribbon take-up reel to be rotated manually in the take-up direction. When loaded, press the select button to lock ribbon back on spool for printing.

Figure 1



Correct ribbon routing procedure



Incorrect ribbon routing

### Cleaning Procedure

#### Print-head

We recommend cleaning the print head only when necessary if one of the following are true:

- The print is showing smudges randomly from top to bottom.
- The print ribbon burns through or when the ribbon is loaded upside down.
- The quality is not the same as previously observed.

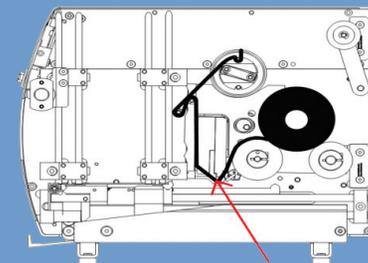


Figure 2

1. Remove the ribbon and slides from the SlideMate slide printer.
2. Using Isopropyl Alcohol Wipe or a lint free cloth moistened with Ethyl alcohol or Isopropyl alcohol rub the bottom of the print-head (heater line) firmly, several times until no residue is visible. See Figure 2.
3. Let the print-head dry for a minimum of 2 minutes before reloading the foil tape.  
**Caution: Avoid touching the print-head with your bare skin.**

#### Slide output ramp – daily or after every 100 slides

1. Disconnect the power from the SlideMate slide printer.
2. Remove the slides and ribbon from the SlideMate slide printer.
3. The print-head moves up and down approximately 10 mm. If the print-head is not in the up position raise it by lifting the white roller. See Figure 3.
4. Tip the SlideMate slide printer on its side and gently shake to remove any glass shards or obstructions.
5. Using a small brush, brush the slide output ramp to remove any glass dust.
6. Reload the ribbon and slides, connect the power and allow the SlideMate slide printer to initialize.

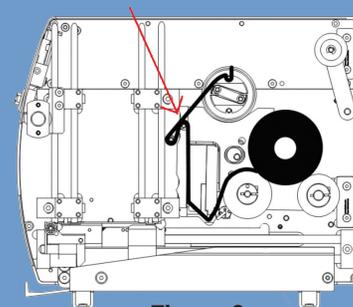


Figure 3

### Clearing Jammed Slides

1. Remove power from the printer. Remove the ribbon and slides from the Slide Holder.
2. The print head moves up and down approximately 10 mm. If the print-head is not in the up position move it up by lifting on the white roller. See figure 4 below.
3. Look for the jammed object and try to slip it clear along its length while holding it on its flat sides. **CAUTION: Handle broken glass carefully to avoid cuts.**
4. If the slide moves slightly but does not have enough room to come clear it may be necessary to push the parts that normally carry the slide (Slide Handling Mechanism) left or right.
5. To move to the left press the black plastic part in (fig 5) to the left.
6. To move to the right press the roller part in (fig 6) to the right
7. After the obstruction has been removed, close the door of the printer and turn the printer upside-down and shake it slightly and listen for any rattling which would indicate additional objects (i.e. glass chips) are still inside the printer.
8. Place the printer on its feet. Open the door and re-inspect the inside for any additional fragments of slides.
9. If no objects are present, reload the ribbon, replace the slides and power up the printer.
10. After you have pushed the select button to initialize, reload the slides and print a test to observe the quality of the print.

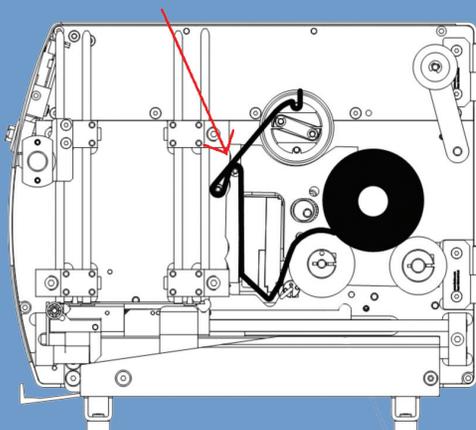


Figure 4: Push up to lift the print-head

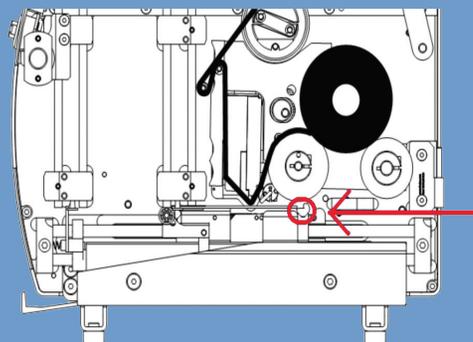


Figure 5: Push this steel jaw to the left with the power off to move left.

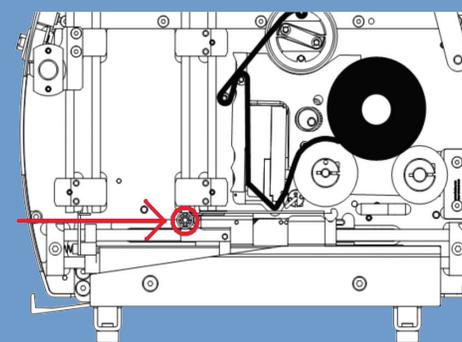


Figure 6: Push the steel roller to the right with the power off to move right.

### Adjust Print Press, Ribbon Slack and Darkness on the SlideMate Slide Printer Device (Smudging)

1. Unplug the SlideMate slide printer and plug it back in. On the front of the SlideMate slide printer, quickly hold the small left and right buttons in at the same time, you will see the (Thermo Fisher Scientific screen), then (Connecting to Network Screen) and finally the (Spds and Crnts) at top of screen.
2. Immediately release the two buttons at the after the menu shows.
3. Select Speeds and Currents (Spds and Crnts), and select the Print Press at the bottom. If the SlideMate has a blue outer case, change from 25 to 15. If it is white, change from 26 to 16. Exit one screen.
4. Select the Print Settings, and adjust the Slack Dist to 1.0 - .4. You can change again after testing print. You can change by increments of one. Do not adjust to 0 as this will cause the SlideMate slide printer to cut off print so that the top line disappears.
5. Exit and initialize. Go into printer settings and adjust to 40-50 for Blue SlideMate slide printers and 45-55 for White SlideMate slide printers. Changes in print quality will be apparent after printing 4 slides.