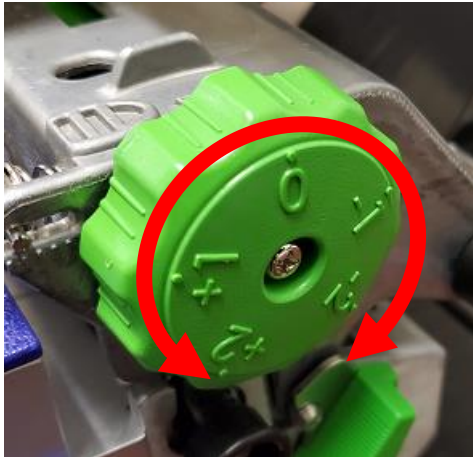




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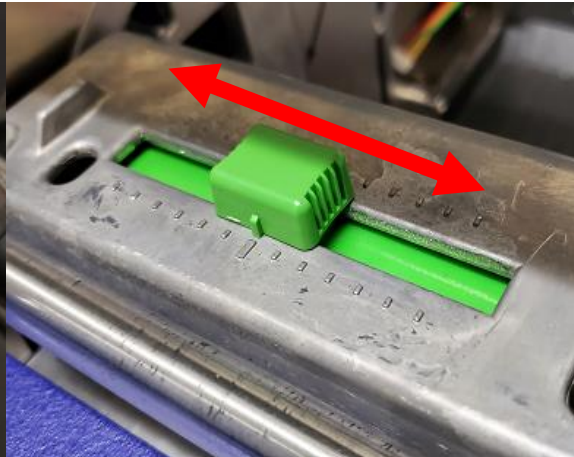
## Print Quality Adjustments

Instructions for adjusting the print quality on the SumiMark IV PLUS printer.



**Print Head Pressure Dial**

*Figure A*



**Lateral Print Head Adjustment**

*Figure B*

Using the **Printhead Pressure Dial** and certain software settings, you can achieve optimal print quality in mere moments.

1. For all tubing, set the **Printhead Pressure Dial** initially to the **0** (zero) position (*Figure A*)
2. For 1/4" and smaller tubing, if the 0 position does not result in quality printing, turn the **Printhead Pressure Dial** initially to the **-1** position
3. For sizes in between 1/2" and 1/4" inch, or for ongoing print quality issues, adjust the Printhead dial as needed, moving to **-1** for medium light or **-2** for light pressure (**Note:** the smaller the tubing, the less pressure it requires for good printing. For example, if you find that using 1/4 inch tubing with the **-1** position continues to produce smudging, try the **-2** position furthest to the right on the dial)
4. If the print quality is still poor, try slowing down the print speed and turning up the temperature in the **Default Print Settings**. Within **Sumilabel**, navigate to **Options -> Printer Options**, select your printer, then click **Default Print Settings**. Try turning the speed down to **2.00"/s (50.80mm/s)** or lower, and set the temperature to **15**.
  - For larger sizes (1" and larger) it may be advisable to use the **Lateral Printhead Adjustment** (*Figure B*) to adjust the distribution of pressure across the tubing laterally for a more even print. This will not usually have an effect on smaller tubing sizes, and should be set to the center mark in almost all cases.
  - *Please note: Do not set the temperature any higher than 15 unless directed to do so by a SumiMark technician. You risk melting the ribbon and causing damage to the machine.*
5. Despite the appearance of the ribbon, it is not generally the source of smudging. Only adjust the ribbon if directed to do so by a SumiMark technician.

Please visit our support site at [www.SumiSupport.com](http://www.SumiSupport.com) for more information regarding the SumiMark and Sumitag printers.



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