



## Maintenance & Safety Documentation

### SumiMark III and IV Marking Systems

#### Routine Maintenance

- A. **Print Head Cleaning.** After completion of a 1,000 ft roll of ribbon, it is suggested the print head be cleaned with isopropyl alcohol and an elongated cotton swab. To do this, simply release the print head latch, raise the print head and insert cotton swab from side of print head latch. Move back and forth approximately 5 times.
- B. **Cutter Block.** After noticeably decreased performance of cutter blade whereby cutter does not cut completely through tubing, rotation of the cutter block may be required. To do this, follow these steps:
  - a. Take off plastic Cutter Guard.
  - b. Take off metal Cutter Cover.
  - c. Take off Cutter Head by unscrewing 4 hex head screws.
  - d. Dislodge white Cutter Block within Cutter Head by inserting thin flat head screw driver between Cutter Head and Cutter Block.
  - e. The same Cutter Block can be reused by rotating and either turning sideways or flipping upside down. This method allows up to 4 uses of the same block.
  - f. To replace components, simply reverse steps a through e.
- C. **Cutter Blade.** After the Cutter Block has been rotated past 4 uses and is no longer operating under maximum performance, changing the Cutter Blade may be necessary. To do this, follow these steps:
  - a. Take off plastic Cutter Guard.
  - b. Take off metal Cutter Cover.
  - c. Take off Cutter Head by unscrewing 4 hex head screws. The Cutter Blade is now exposed.

- d. Slightly release tension to the two 0.050" set screws which hold the Cutter Blade in place.
  - e. Lift the Cutter Blade out of slot within Cutter Ram.
  - f. Place new Cutter Blade into slot within Cutter Ram.
  - g. To replace components, simply reverse steps a through i.
- D. Storage of Heat Shrink Tubing and Ribbons. To minimize cleaning intervals and prevent undue wear on print head, be sure to store heat shrink tubing and ribbons in original boxes and plastic sheeting. This will prevent dust and debris from accumulating on materials and scratching print head.

Note: It is highly suggested no maintenance be performed on the unit other than those mentioned above. If any other maintenance needs performing, please contact Sumitomo Electric Interconnect Products, Inc. for service. Your SumiMark Identification System comes with a full 1 year service plan from date of original purchase. Performing maintenance on the unit (other than those mentioned above) may void service coverage.

## **Safety Precautions**

To ensure safe operation of your SumiMark Identification System, keep in mind the following protocols:

1. Never operate without clear plastic Cutter Guard mounted.
2. Never attempt to insert any object into opening on front of printer.
3. Always unplug unit prior to performing any maintenance.
4. Always operate unit with side Lift Door closed.
5. Never attempt to hold or move tubing as it moves through Guides or Cutter mechanism.
6. Always connect unit to surge protection system.

If you have further questions regarding this matter or other SumiMark related questions, please call 760.761.0600 ext 203 or 258, or email us at [sumimark@seipusa.com](mailto:sumimark@seipusa.com).

