



SUMITOMO RECOMMENDED PROCEDURE

Operation for the JR-22 Jacket Remover

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1.0 General

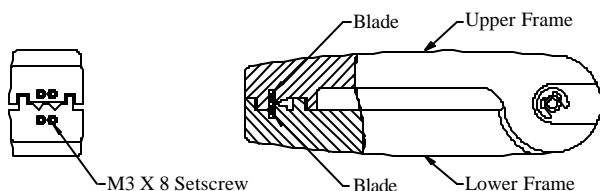
The JR-22 Jacket Remover is a convenient tool for removing the protective coating from a single optical fiber.

The JR-22 is ergonomically designed for fast and easy use. To complement the ergonomic design, field replaceable blades have been employed. This Jacket Remover is capable of removing 0.9mm, 0.25mm, and 0.4mm fiber jacket diameters.

This document describes the procedure for operation and maintenance of the JR-22 Jacket Remover.

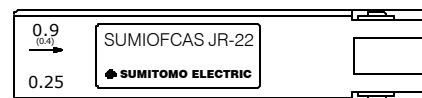
2.0 Specifications

Size	20 x 92 x 28 mm
Weight	70 g
Jacket Diameters	0.25, 0.4, and 0.9 mm
Accessories	Replaceable Blades



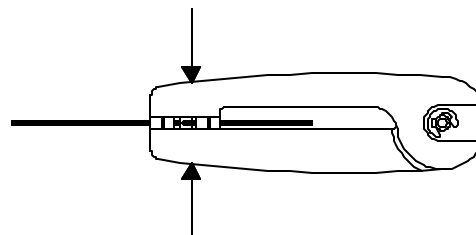
3.0 Procedure

- 3.1** Two V-grooves are cut into the upper and lower frames of the Jacket Remover. One groove is for a coating diameter of 0.25mm and the other is for coating diameters of 0.9 and 0.4 mm. The coating sizes are indicated on top of the frame above the v-grooves.

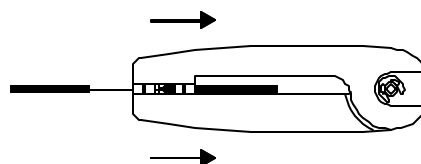


- 3.2** Insert the optical fiber between the grooves for the applicable coating diameter and tightly squeeze the upper and lower frames together.

NOTE: To minimize fiber damage, be sure that the fiber coating is centered in the groove.



- 3.3** Firmly grip the fiber, to prevent slipping, and pull the Jacket Remover straight out towards the free end.



4.0 Maintenance

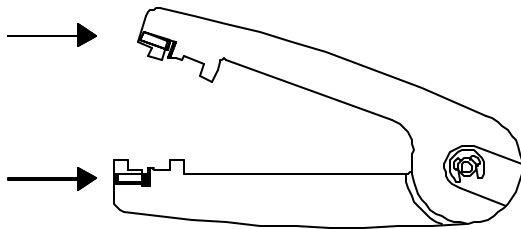
4.1 Cleaning Blades

The blade effectiveness will deteriorate, if the coating material is not removed from the tool. Thus, it is important to remove the coating material near the blade area after each use.

4.2 Replacing Blades

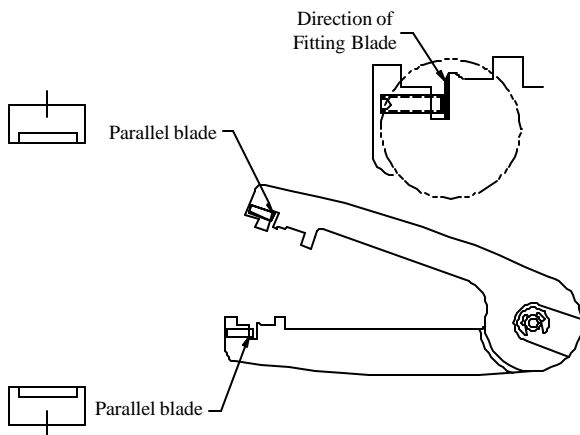
4.2.1 Loosen the four M3x8 set screws just enough for blades to freely slide. Then remove the used blades.

NOTE: Loosening set screws too much will make resetting new blades difficult.



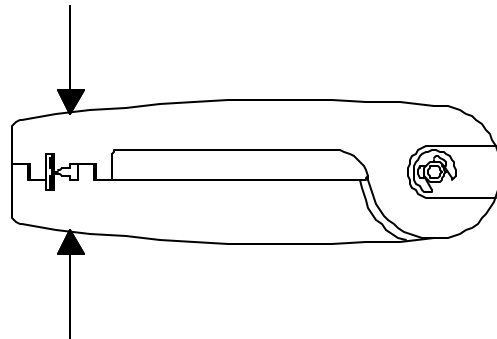
4.2.2 Insert new blades in the upper and lower frames and lightly tighten the four setscrews so that the blades are held in place.

NOTE: When inserting new blades in the frames, be certain the blades are positioned in the proper orientation.



4.2.3 Carefully, but firmly engage the two frame halves together. While holding the two halves together, slightly re-loosen and tighten the setscrews for the upper and lower blades. The setscrew should be tightened to a 3.5 Kg/fcm torque.

NOTE: In the case that a torque driver is not available, a 1/8 turn past the point where the set screw touches the blade will approximate the proper torque.



5.0 Technical Support

If technical support is required for this or any other fusion splicing product:

- Call 1-800-358-7378, ask for Fusion Splicer Technical Support at extension 7207.
- If any fusion splicing product must be returned:
- Obtain a return authorization number (RS#) from the technical support department and write the number on the shipping container.
- Pack the unit and ship prepaid to:
- Sumitomo Electric Lightwave Corp.
Technical Services Dept.
78 Alexander Drive
Research Triangle Park, NC 27709
Attn: RS# _____

For warranty repairs, there is no charge for repair and return shipping.



SUMITOMO ELECTRIC Lightwave Corp.

78 Alexander Drive, P.O. Box 13445, Research Triangle Park, NC 27709

(919) 541-8100 or 1-800-358-7378

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Sumitomo Electric reserves the right to improve or modify these specifications without notice. Patent Pending.