

(RN Plus) Ribbonizer Operation Manual Fiber Arrangement Tool

Safety Instructions

This manual contains the complete operating and maintenance instructions for RN-PLUS. Please review this manual carefully before operating the RN-PLUS.

The following safety instructions must be observed whenever this product is operated, serviced or repaired. Failure to comply with any of these instructions or with any precaution or warning contained in this manual is in direct violation of the standards of the design, the manufacture and the intended use of the instrument. INNO Instrument, Inc assumes no liability for the customer's failure to comply with these requirements.

Safety Instructions

In no case will INNO Instrument, Inc be liable to the buyer, for any consequential or indirect damage which is caused by product failure, malfunction, or any other problem.

Caution!

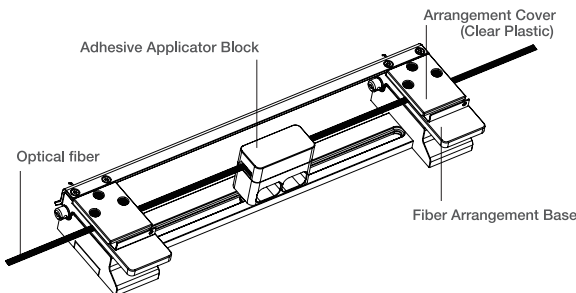
- Avoid soaking the RN-PLUS with water. Doing so may cause malfunction.
- Do not use in a humid, dirty or vibration site. Doing so may cause fire, electrical shock or malfunction.
- Do not drop, throw, and punish. Doing so may cause malfunction.
- Ensure that the RN-PLUS and the fiber are cleaned before being bonded. Otherwise, dust will affect the adhesive force of the fiber, resulting in unqualified fiber.
- Do splitting slowly. If the fiber cannot be adhesive smoothly, stop and do cleaning. If smoothness is not recovered, ribbon fiber's transforming will likely to happen. Stop operation till the cause is cleared; otherwise, it may lead to unqualified fiber, add the damage to the fiber, affecting the subsequent fiber splice.
- Do cleaning RN-PLUS by exclusive brush, not using another tool such as screwdriver.
- RN-PLUS is designed with special attention for not damage to the fiber. However, the damage to the fiber will be added due to the conditions of fiber, cleaning and RN-PLUS itself. So please use RN-PLUS with deep understanding of the instructions.
- Don't apply RN-PLUS for living line.

Please read entire manual prior to usage
This manual must be kept with the RN-PLUS

1. Components

Part	Qty
Main body	1
Multi-Purpose Adhesives	1
Special Sponge	50
Operation Manual	1
Casing	1

2. External description



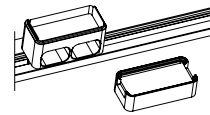
3. Applicable fiber

	Specification/Characteristic
Material	Silica based fiber with UV coating
Diameter	Fiber diameter: 0.125mm
	Coating diameter: 0.250mm
	Thickness of ribbon fiber: 0.28 to 0.3mm
	Pitch: 0.25mm
Number of fibers	2 to 12 fibers

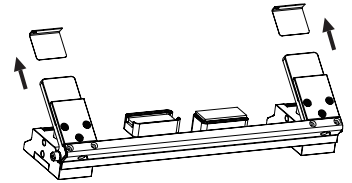
4. Operating instructions

! Caution: RN-PLUS requires bimanual operation on worktable.

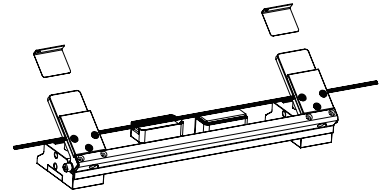
1. Open the adhesive applicator block and load in the special sponge.



2. Open the fiber arrangement bases with a certain angle and take out the fiber arrangement shims of both sides.

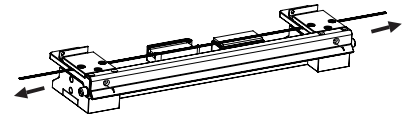


3. Load the fibers into both bases one by one, and must avoid fibers from crossing.

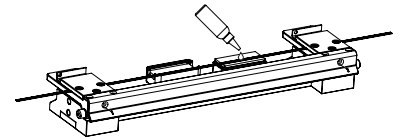


4. Install the metal arrangement shims to lock the fibers in the place and make sure the fibers are arranged in order. Close both bases.

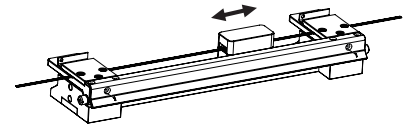
5. To prevent the gaps between the fibers, adjust and pull the fibers from side to side gently and press the fiber arrangement shims forward to inner to ensure the fibers are well-arranged.



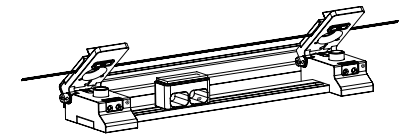
6. Apply proper amount of adhesive into the fibers on the adhesive applicator block.



7. Close the adhesive applicator cover (insert with sponge), and move the block back and forth along the orbit. Remove the adhesive applicator cover when the adhesive is observed to be fairly well-distributed, and open the fiber arrangement base.



8. Wait for the adhesive to dry before remove the fiber arrangement shims from the fiber arrangement bases. Remove the fiber arrangement shims from both fiber arrangement bases after the adhesive dry (About 2 - 4 mint), and take out the ribbonized fiber.



5. Maintenance

The sponge used in the adhesive applicator block should be replaced after use.

6. Holding period for spare parts

We will have and hold the spare parts for repair and replacement at least 6 years after these products are discontinued for production. During the period, we will repair this product. Beyond the period, we may be able to repair this product depending on the problems, please contact INNO or your local sales representative for further assistant.