

# FOCP-1

Fiber Optic Polisher

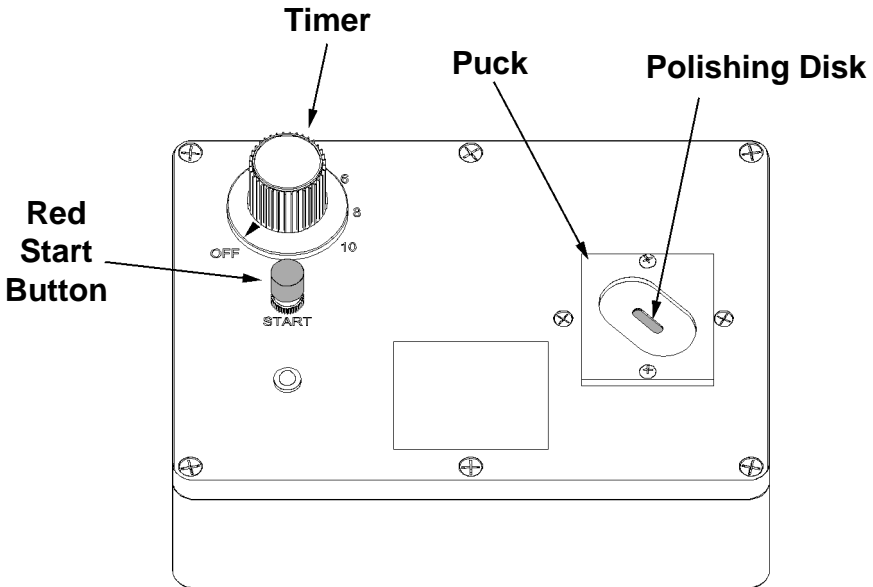


## Instruction Booklet

**NANOMETER TECHNOLOGIES**

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# FOCP-1 Diagram View



## FOCP-1 INSTRUCTION MANUAL

Document Number RE:00A2-FOCP1

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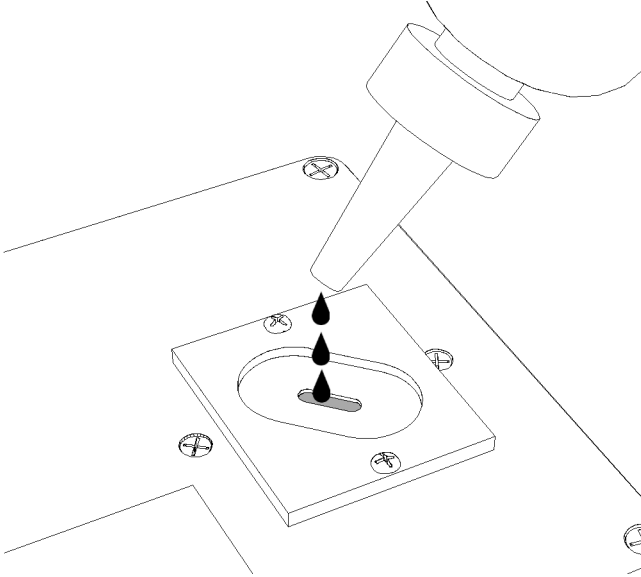
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Have technical questions?  
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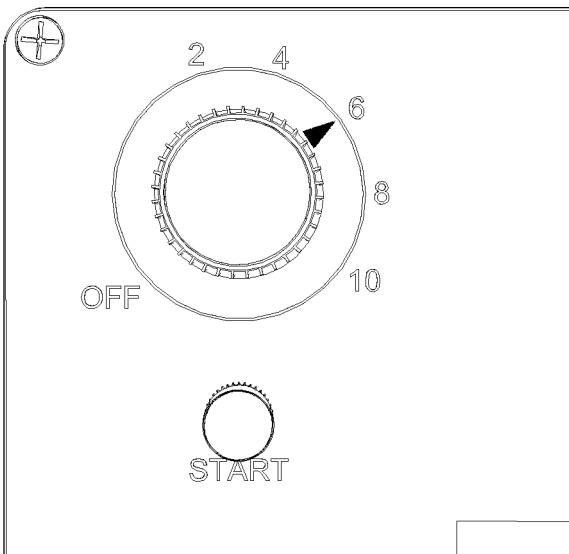
July 9th, 2004

## Step 1



Apply approximately 5 drops of polishing solution (UPS-1) into the slot.  
(5 drops of solution will do 2 - 3 connectors)

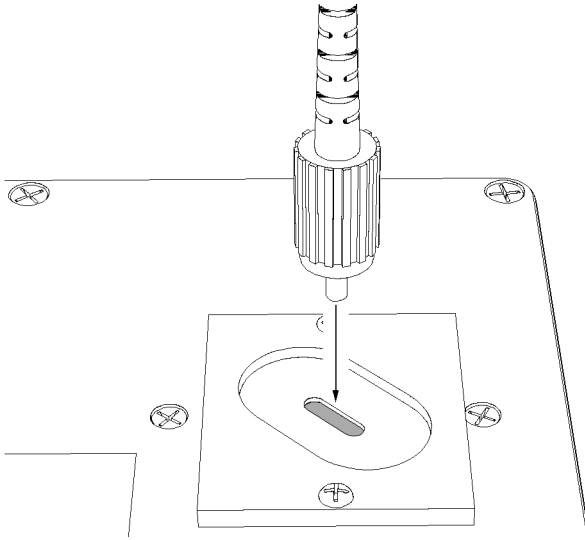
## Step 2



Set Timer to desired amount of seconds.

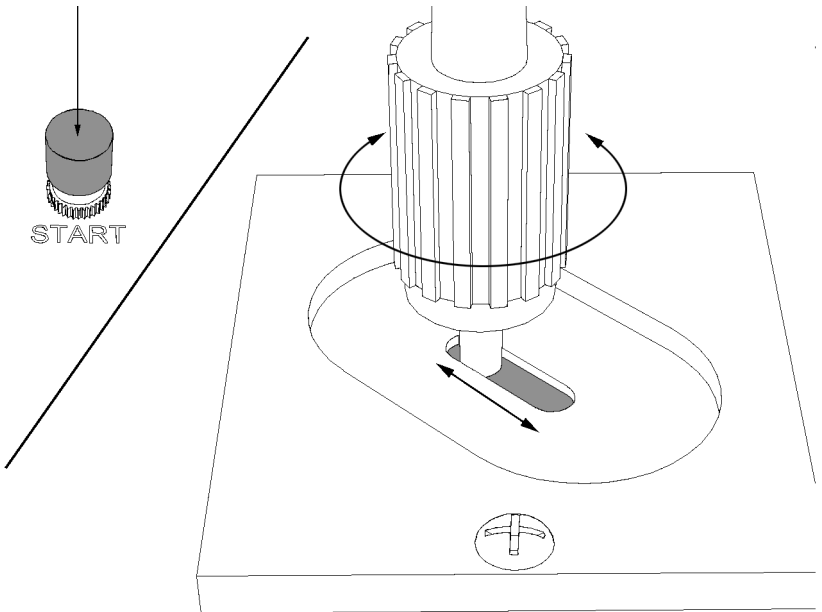
If no specific time is selected, the Red Start Button can be held down and used for intermittent use.

## Step 3



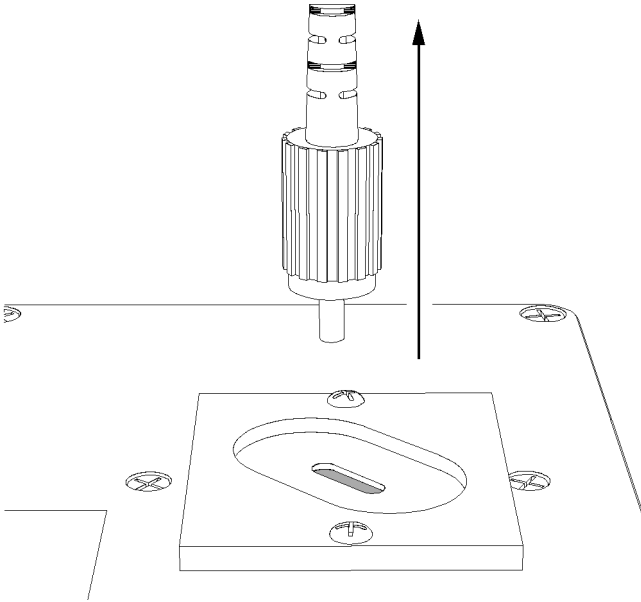
**Insert the connector ferrule into the Puck.  
DO NOT APPLY PRESSURE YET!**

## Step 4



**Press the Red Start Button and apply downward pressure to the connector. Move and rotate the connector in the Puck until the FOC-1 stops or when the desired polishing time is reached.**

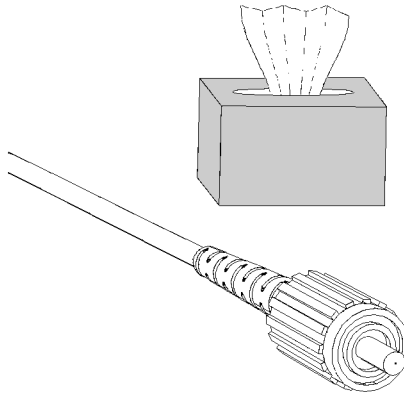
## Step 5



**Remove the Connector from the Puck.**

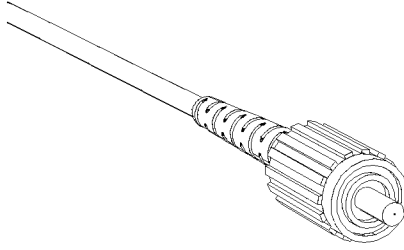
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## Step 6



**Clean the connector ferrule using distilled water and clean lint-free wipe.  
DO NOT USE ALCOHOL!**

# Step 7



1. Inspect the ferrule end face with a scope. If the face of the ferrule is not clean, re-clean it.
2. Make a return loss measurement. (follow MFG's instructions)
3. If the return loss is not more than -50dB, repeat polishing process.

**DO NOT POLISH CONNECTOR MORE THAN  
10 SECONDS TOTAL**

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## MAINTENANCE

1. **Replacement of polishing pads** - Pads should be replaced every 75 - 100 connectors, or when you are not getting desired results.
2. **Charge battery with A/C adapter** - Use adapter when near 110V power supply. Do not over charge!
3. **Replace battery every 40 hours of use.** ( 9 volt NI-CAD )

# Limited Warranty

Nanometer Technologies products shall be free of defects in material and workmanship for a period of 1 year from the date of purchase.

In the event of a defect in materials or workmanship, we will either replace or repair without charge (not including shipping costs) at our option any part which in our judgement shows evidence of such defect within 1 year from the date of purchase.

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