

MICROSOLV TECHNOLOGY CORPORATION

Separation and Purification Products Since 1992

Window Maker™

For Polyimide Clad Silica Capillaries

Operating Instructions

Ver. 1.12



MICROSOLV TECHNOLOGY CORPORATION

9158 Industrial Blvd NE Leland, NC 28451

email: customers@MTC-USA.com

website: www.mtc-usa.com

phone: 1-732-380-8900

Polyimide Stripper for CE Capillaries

1. Plug the power cord into a properly rated power supply source. Your unit should indicate on the rear panel if the stripper is for use at 110/120V 60Hz. The red LED active light should illuminate.

2. Make certain that the 2mm aluminum burn module (black) is in good contact with the power source by applying slight pressure to the head. Position the Window Maker (Stripper) so you can easily observe the coil through the view slot in the module head.

3. Before using unit for the first time, activate the burn switch. The coil should glow in a few seconds. Release the switch immediately.

4. Use a piece of capillary that is supplied with this stripper to become familiar with the window burning procedure. Insert the capillary into the guide on the left side of the module. Thread the capillary through until the desired "window" location is within the burn area of the module (head). Try not to let the capillary touch the heating coils.

5. Activate the burn switch. After the coil glows red, continue to hold down the switch for four (4) seconds and then release it. Do not exceed the recommended burn time as softening of the glass capillary may occur.

6. After removing the capillary from the stripper, carefully wipe the window area with a lint free wipe or one that is wet with methanol or other suitable solvent. Be careful not to bend the "window" as it is fragile.

Important Note:

It is important to make sure that the burn switch is not activated for longer than ten (10) seconds. If the switch is activated for a longer time, the heating module (head) will render the unit inoperative.

Also, the Window Makers™ are designed to be used with 110 V 60Hz. Using converters to achieve different voltages will void the warranty and is not recommended.

The fuse is a 1.5A 5mm x 20mm (fast blow.) Ampere Rating (A), 1. VAC (V), 250. Package Size, 5x20mm. Opening, Fast-Acting (F). Nominal Melting I2T (A2sec), 1.042.)

There are no serviceable parts inside the unit. Any unauthorized removal of the unit's cover will invalidate all warranties.

Available Accessories:

Replacement Modules (head)

- 07301-S: 1 mm window
- 07201-S: 2 mm window
- 07204-S: 4 mm window
- 07207-S: 7 mm window

Model and Voltage

- ❖ Cat No. 07200-S 110/120 US Model