

## **GLASS KNIVES: LKB 7800B KNIFE MAKER**

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### **Preparing the glass strip:**

1. If needed, wipe the glass strip with Kimwipes. If the strip does not appear clean after wiping, they can be washed with soap and water and dry with a paper towel and Kimwipes (try to minimize dust on your glass)
2. When cleaning the glass strip, AVOID TOUCHING THE TWO SIDES OF THE GLASS!!! (this is where your knife edge will be)
3. Recommend handling glass strips with gloves

### **Preparing the Knife Maker:**

1. Make sure there are no shards of glass on the machine. Use the brush or canned air to remove it.  
\*\*Note: Hold can upright and use short bursts, do not hold button in, shake, or turn upside down!
2. Make sure:
  - a. The Locking Lever is up
  - b. The Scoring Rod is pushed back
  - c. Turn Score Selector to  $\equiv$ // setting
  - d. Make sure the disengage Knob (left) is retracted. If not, turn the Knob turn counterclockwise and pull
  - e. Breaking Knob is fully counter-clockwise (knob on the front right)
  - f. Damping Control Lever (DPA) is on 0 for now.

### **Making a Square:**

1. Place your cleaned glass score side (scalloped edge) DOWN onto the machine and align it with the white plastic 90° guide.
2. Slide it forward until it touches the first Arresting Stud (for 25mm thickness glass strip)  
GENTLY HOLD THE GLASS IN POSITION AGAINST THE GUIDES BY TOUCHING THE TOP INSTEAD THE TWO SIDES!
3. Gently swing the Locking Lever towards you to lower the Clamping Head until the bar is About horizontal and you feel some resistance. DO NOT PUSH TOO FAR!
4. When glass is secured under clamping head, place the retrieval Fork under the left end of the glass strip for easy removal
5. Pull the Scoring Rod OUT until it stops (never push in to score) to score in one SMOOTH AND QUICK motion
6. Turn the Breaking Knob clockwise SLOWLY until the glass breaks.

7. Support the Scoring Shaft/Clamp Head with your right hand as you raise the Locking Lever with your left hand so it doesn't drop and crush your glass edge.
8. Push the Score Shaft back in.
9. Use the fork to remove the square.

#### **Making a knife:**

1. Prepare the machine as above.
2. Brush or blow away any glass that has accumulated.
3. Rotate your square counter clockwise 45° and place down with the scalloped edge DOWN with Fork underneath it.
4. Push in the Disengage Knob (left) so it holds the top corner of the square, then turn the Damping Control Lever (DPA) from 0 clockwise until black damping pad touches the glass to secure the glass square.
5. Gently swing the Locking Lever towards you to lower the Clamping Head until the bar is About horizontal and you feel some resistance. DO NOT PUSH TOO FAR!
6. Turn the Score Selector to 25
7. Pull the Scoring Rod out in one SMOOTH and QUICK motion to evenly score the glass
8. Turn the Breaking Knob clockwise SLOWLY until the glass breaks.
9. Support the Scoring Shaft/Clamp Head with your right hand as you raise the Locking Lever with your left hand so it doesn't drop and crush your glass edge.
10. Push the Scoring Rod back in.
11. Reset the Disengage Knob to retract it (turn counterclockwise and pull)
12. Reset the Breaking Knob(counterclockwise).
13. Push DPA Lever back to 0.
14. Remove glass using Fork.
15. Clean up any glass or trash you have accumulated.