

S-Aqua Mill

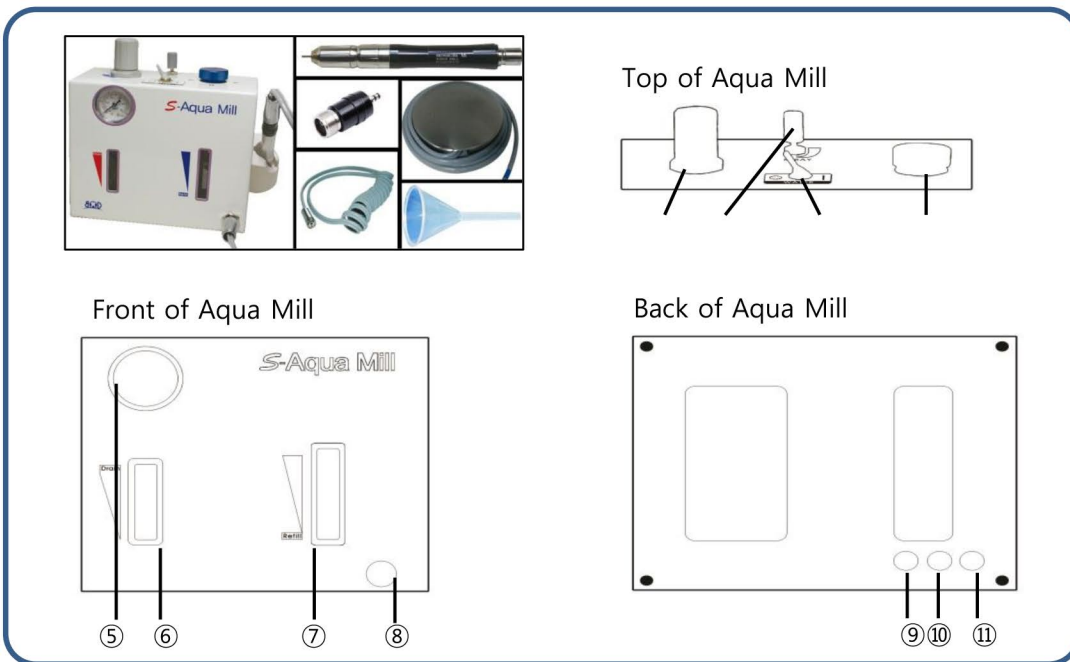
Water Spray Cooling High Speed HandPiece System



S-Aqua Mill is water cooling air turbine system for Zirconia and Ceramic works. S-Aqua Mill cools down frictional heat during long term of zirconia and ceramic works by water spray from hand piece's tip, with specialized cooling system it prevent cracks.

S-Aqua Mill's Feature

- Quick and comfort polishing works
- Support dual mode ;Water Cooling and Dry Mode
- With Coiled Hose easy to use and store
- Simple structure makes easy to use
- Easy refill and drain
- High Quality with Low running cost



1. Component

Aqua Mill Control Unit
Handpiece, Quick Coupling
Pedal, Tubing, Funnel

2. Name of Each Portion

- ① Air Regulator Knob
- ② Water Adjustment Knob
- ③ Water On / Off Switch
- ④ Water Bottle Cap
- ⑤ Pressure Gauge
- ⑥ Air (Moisture) Filter Inspection Window
- ⑦ Water Inspection Window
- ⑧ Hand-piece Tubing Connector
- ⑨ Petal Air In Connector
- ⑩ Pedal Air Out Connector
- ⑪ Plumbing (Air) Connector

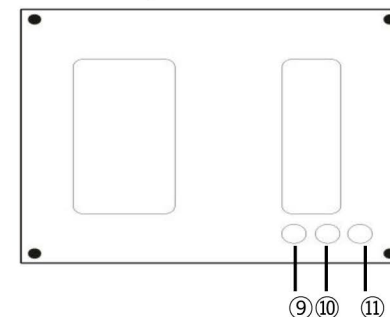
3. Installation (Connect)

- A. Insert Pedal at pedal Air Connector (⑨, ⑩)
Insert Blue Colored at Blue Colored Tube, same as Red Colored
- B. Install the handpiece tube to the Hand-Piece Tubing Connector(⑧)
Install Quick (Handpiece) Coupling at opposite side of Tube.
Install the Handpiece by pulling the ring of Quick coupling.
- C. Connect Air at Plumbing Connector (push the plumbing tube into the **connector until it is securely set**)
- D. Fill the water with open the water bottle cap.
We recommend fill 70~80% of bottle if fill the water more that 80% spray doesn't spray smoothly.
Turn off the water switch (③) while filling the water.
Close the Cap Securely

Top of Aqua Mill



Back of Aqua Mill



4. Adjustment

Stepping the Pedal and Check the Pressure Gauge (⑤) please set the hand of pedal **Between 0.3~0.4MPa**
Pull the Regulator Knob(①) and unlock it. turn clockwise to increase pressure counterclockwise to decrease Pressure.
Push the Air regulator Knob to lock it.

5. Operation

- A. **Water Cooling Mode**
Turn the Water Switch (③) on
Stepping the Pedal, adjust amount of water with water adjustment knob.
(Turn Clockwise decrease and counterclockwise increase amount of water)
- B. **With Out Water Mode**
Turn the Water Switch (③) off
stepping pedal and operate
- C. **After Work**
after operating S-Aqua Mill, Close the main Air.
Put the Handpiece at Cradle (right Side of Unit)

6. Maintenance

- A. **Drain the Filter**
Check the filter from Air Filter Inspection window(⑥)
If it's feel with water; Open the Back of S-Aqua Mill and push the metal Knob at bottom of it. After Drain the filter (bottle) whip the wet(water) and Make inside Dry