



Dental Vacuum Mixer

Operation Manual & Tutorial Guide

The vacuum mixer has versatile controls on mixing cup rotation speed, vacuum active, mixing time, and mixing working model with vacuum. This guide provides the complete operation sequence for safe and effective use.

Product Overview – Front & Back Views

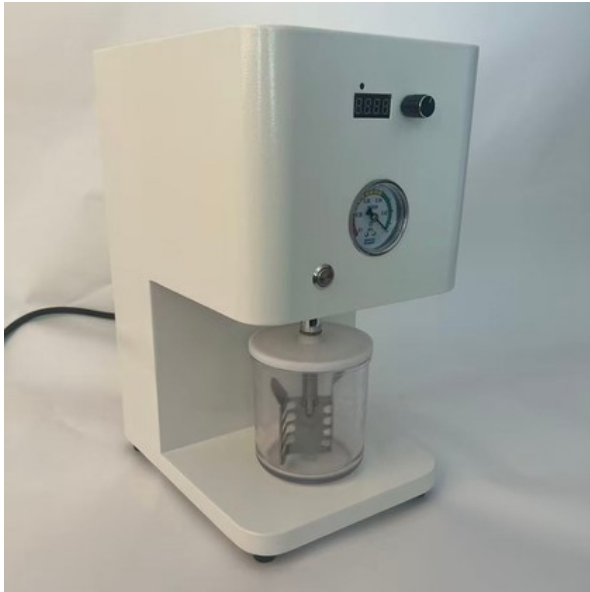


Figure 1 – Front View
(Timer Knob, Vacuum Button & Gauge)



Figure 2 – Back View
(Air Source, Power & Speed Control)

Control System Functions

Top Knob (Timer & Start)

Located on the mixer top next to the LCD digital display. Rotate the knob to adjust and set the mixing time. Press down the top knob – the mixing cup will start to rotate.

Bottom Button (Vacuum Activation)

Located on the bottom left of the front panel (silver push button). Push the mixing cup upwards, turn on the vacuum button on the bottom left, and release your hand support when the vacuum data pointer turns to 0.06 on the gauge.

Back Panel Controls

- **Air Source Connector** (bottom left metal fitting) – Connect external compressed air source.
- **Power Inlet + Green Main Switch** – Connect power cord and turn the machine on/off.
- **Speed Control Knob** (0–100 scale) – Adjusts mixing rotation speed (0–400 rpm).
- **Digital Display & RUN/STOP** – Status display and mode control.

Tutorial Guide – Operation Sequence

Step 1. Connect the air source to the mixer back side of the connector, then turn on the power.

Step 2. Adjust the timer to set the mixing time. The control is on the mixer top with LCD display with knob control.

Step 3. Hold the bottom of the mixing cup with your hand and place the “cross” of the mixing cup chuck directly on the motor transmission connector.

Step 4. Push the mixing cup upwards, turn on the vacuum button on the bottom left, and release your hand support when the vacuum data pointer turns to 0.06 on the gauge.

Step 5. Hold the mixing cup firmly, press down the top knob – the mixing cup will start to rotate.

Step 6. After the mixing work is completed, the vacuum mixer machine will automatically sound an alarm.

Step 7. Hold the bottom of the mixing cup with your hand, turn off the vacuum switch, and the mixing cup will be automatically separated from the machine to end the mixing work.

Note: Always ensure the mixing cup is properly seated and the vacuum has reached the target pressure (0.06 MPa) before starting rotation. Keep hands clear of rotating parts during operation.

Technical Specifications

Parameter	Specification
Voltage	220V/50Hz , 110V/60Hz
Power	150 W
Pressure	8 kg/cm ²
Adjustable Speed	0 – 400 rpm
Dimension	245 × 235 × 375 mm
Weight	9 kg



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