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AIXIN MEDICAL

USER MANUAL

AX–2000C

Vacuum Mixer



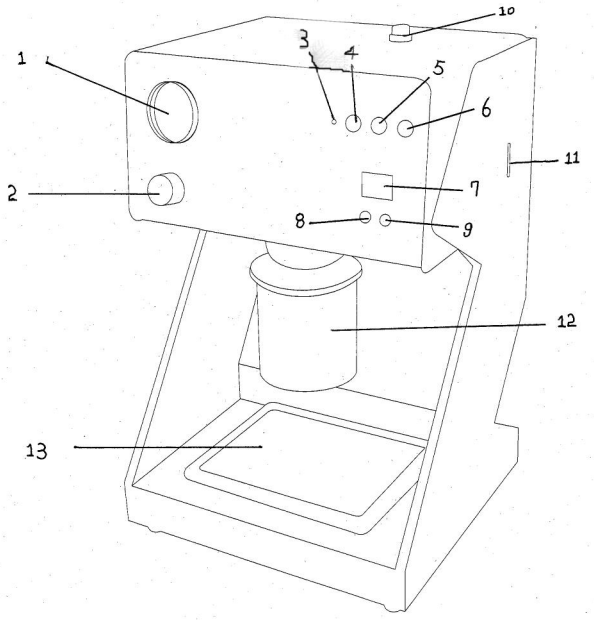
Description:

The AX-2000C Vacuum Mixer is for the mixing of investment and refractory materials, plaster, and duplicating silicone. The vacuum mixing process eliminates air bubbles trapped in the investment materials, which also improves the firmness and compactness. The high quality vacuum pump gives the equipment a longer lifespan. It also features: high degree of vacuum, strong mixing power, built-in vibrator with adjustable vibration power, no air bubbles in investment materials.

Specifications:

Power supply voltage	AC 220V / 110V 50HZ / 60HZ ±10%
Power	150W
Rotational speed	320rpm
Capacity	550ml/750ml
Negative pressure	≤0.08～0.09MPa
Vibration power	adjustable speed
Dimensions	33x31x56 (cm)

Diagram:



1. Vacuum gauge
2. Vibrator switch
3. Power Indicator
4. Vacuum
5. Mix
6. Stop
7. Timer
8. Up
9. Down
10. Oil inlet
11. Oil level marker
12 Mixing Bowl
13. Vibrator

Instructions:

1. Open the package, check if there is any damage to the machine and check if all the parts are included, read the user manual carefully before operating the unit.
2. Connect the machine to a power supply and turn on the power, and the power indicator lights up.
3. Fill the bowl with investment material and mix it with some water, this can prevent investment material powder from sucked into the machine when vacuum button is pressed (otherwise the motor may be damaged). Put on the cap of the bowl and insert it to the machine. Hold the bowl and press the Vacuum button, when the pressure reaches -0.4 bar, the bowl can be released. After that press Mix button. The timer can be set from 1-99 seconds and can be adjusted with up/down buttons. When the machine is mixing, press the down button to reduce the timer.
4. If the mixing time required is more than 99 seconds for special mixing procedures, press the Mix button for 5 seconds, then adjust the timer from 1-99 minutes. While mixing, the indicator shows 2-99 minutes, and there is a blinking dot on the right bottom corner of the timer display. When the time count down 1 minutes, the timer will count down from 60 seconds to 0 seconds. Other operations are same as standard operations.
5. After the mixing process finishes, hold the bowl and press Stop button (the electromagnetic valve opens) and then press the Air Release button. After the pressure is released, the bowl can be removed from the machine.
6. Put the bowl on the vibrator on the bottom of the machine and turn on the rotary switch for different vibrating power.

Cautions:

1. Read the user manual carefully before operating the machine.
2. Check the oil level before turning on the machine, do NOT use the machine if the oil level is less than 1/3. Fill in oil when necessary. If there is not enough oil, the vacuum may not work properly, if there is too much oil, the oil may come out.
3. Remove the rubber cap on the back of the machine before operating the machine.
4. If the machine malfunctions, please contact technicians for repairing.
5. Check the grounding of the machine regularly.

Packing list:

User manual	1PC
Power cord	1PC
Filter	1 PC
Fuse tube（3A） (on the power socket)	2 PC
O-Ring	2 PC

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