USER MANUAL

Electrolytic Polisher

（Swing type）



Description

This machine adopts constant current, constant voltage technology, with overload and overheating protection, completely solve the failure of the traditional electrolyzer frequently burning insurance or burning components, current stepless adjustable, controllable, safe, reliable and low failure rate.

The machine is mainly used in the dental repair room, and is the necessary equipment for the surface polishing of various dental castings. This machine is equipped with positive pole swing function, uniform surface polishing.

Specifications

Voltage	220v/50HZ 10% 110V
Power	550W
Timer	0-999min
Working current	0~30A
Weight	11.5kg
Electrolytic cell capacity	5000ml

The main advantages

1. the output voltage of the machine is stable, the control is in the best range, the current distribution is uniform, effectively avoid excessive electrolysis influence on work piece size.

2. the machine is equipped with anode swing function, can ma ke the work piece surface polishing evenly.

3. electrolytic anode selection of special high conductivity mate rial, no oxidation, good conductivity, no polishing maintenance.

4. using electrolytic cell as conductive cathode, can make the work piece 360° electrolytic, polishing without dead Angle, ele ctrolytic cell capacity, can be electrolytic multiple workpiece.

5. electrolyte heating is slow, effective protection of electrolyte, prolong the service life of electrolyte, reduce cost.

6. the work piece quickly bright, improve efficiency.

7. controllable current, completely avoid the traditional electroly sis mechanical and electrical flow rising frequently burn insura nce and components burned.

8. the choice of precision potentiometer, adjust the current mor e accurate.

9. with overload, overheating protection function, longer service life.

10. below the electrolytic cell is equipped with a discharge val ve, convenient and quick replacement of electrolyte.

Operating Steps

1. Pour the electrolyte into the electrolytic cell and fill it with about 5 kilograms of electrolyte.

2. The work piece is hung on the black positive rod with the red copper wire matched by the machine. According to the size of the work piece, copper wire of different lengths is cut.

3. Set the working time and adjust the current. Adjust the working time and current appropriately according to the size of the work piece and the new and old degree of the electrolyte.

4. After setting the time, remove the work piece and clean it with water.

Instructions

1. timer adjustment: press "SET", the red flash, press "∧" or "∨" to adjust the timing value, the timing unit is minutes, the blue word does not need to adjust the value of "0", then press "①" to complete the setting, the countdown starts, the machine stops working after the end of the countdown, press "①" to re-time after hanging the finished part, and press "①" to re-time halfway.

2. current adjustment: hang the workpiece after starting, adjust the current knob, clockwise increase, counterclockwise decrease, after starting the current is not fixed value, the size depends on the temperature of the electrolyte, the size of the workpiece, the number of the workpiece and other comprehensive factors, so each electrolysis need to readjust the current; When the electrolyte temperature low current will be relatively low-key do not go up, the adjusting knob clockwise numerical does not increase, this is normal phenomenon, after the numerical stop don't dispatch knob spare travel too, as the electrolyte temperature, current automatically, automatic rising part is empty part of the trip, too much idle motion could lead to current is beyond the scope of security.

Attention

1. the safety current of the machine is 25A, do not set the current too high.

2. Do not contact the electrolytic cell when hanging the workpiece, which will cause a short circuit.

3. the workpiece is best sandblasted after the completion of ele ctrolysis, there is an oxide layer and embedded material on the surface will lead to poor electrolysis effect.

4. Do not have water on the surface of the workpiece, otherwi se it will lead to excessive electrolysis or spots on the surface where there is water.

5. the machine after a long continuous electrolytic time, the te mperature of the electrolyte will rise, the temperature is too hi gh may lead to white surface is not bright, at this time, need to turn off the power to stop working, to cool the electrolyte.

6. The electrolyte should be released when the machine is not in use for a long time, and the electrolytic cell should be was hed clean to avoid the electrolytic cell contacting corrosion wit h the electrolyte for a long time.

7. as far as possible to avoid the electrolyte on the shell and t he parts, will cause corrosion damage.

Contact Us
Working Hours:Monday – Friday: 9:30 a.m. to
5:30 p.m. (UTC+8);

E-mail Address:
Dentalsalemall.com@gmail.com

Telephone Number: +86-023-68438829

Official Site:https://www.dentalsalemall.com