

USER'S MANUAL

ANODIZING MACHINE

BesQual S950



Environment for Use

- Indoor Use
- Temperature: 5 °C and 40 °C
- Moisture: between 50% ~ 80%
- Tolerance of °C \pm 10% of designated voltage
- Pollution Grade: II

This product is an anodizing unit that uses the principle of forming clear oxide layer ($< 1 \mu\text{m}$ thick) on the surface of an implant abutment. It is used in the dental field as a coloring treatment and enhance corrosion resistance for custom abutment or implant bar.

1. Digital circuit regulates the voltage current for more precise and steady electrolysis.
2. Simultaneously treat up to 3 pieces at once.
3. Safety measure are installed to prevent from electric shock.
4. Achieve various colors (gold, blue, purple etc.) simply by adjusting of the voltage.
5. Uses cost effective materials.
6. Ergonomically designed with user friendly interface.

SPECIFICATIONS:

ORDER CODE	INPUT POWER SOURCE	POWER	FUSE	DIMENSION (mm)			WEIGHT (kg)
				W	D	H	
BQ-S950-110	AC100-120V 50/60Hz	100W	2A	200	230	160	2.73
BQ-S950-220	AC220-240V 50/60Hz						

CAUTION:

1. Do not touch any abutment with anodizing plate while operating.
2. Dissolve 'baking soda (sodium bicarbonate)' completely when make the anodizing liquid.
3. For the optimum anodizing, the surface of the abutment should be cleaned by sandblasting thoroughly.
4. Close the container with a lid for safety when the unit is working. (Unit will not operate if the container is not covered.)
5. Contact us with any questions or for troubleshooting.
6. Do not use damaged or torn power cord, plug, and loose content. (It may cause fire and electric shock)
7. Do not bend power cord heavily and let the cord be pressed by heavy stuff. (It may cause fire and electric shock)
8. Make sure to connect to an outlet with a ground terminal.(It may cause fire and electric shock)
9. Do not block the vent located at the bottom of the product.(It may cause fire and electric shock)
10. Please keep the unit unplug when there is thunder or lightning storm or not in use for a long time. (It may cause fire and electric shock)
11. When unplugging the cord, do it in a safe manner. Do not touch the cord with wet hands. (It may cause fire and electric shock)
12. Do not store or use the product at the place with high humidity, dust and spitting water.(It may cause fire and electric shock)
13. Please store or use the product away from heating instruments. (It may cause fire)
14. Please clean the product after unplugging, do not spray water directly and avoid chemical cleaning products. (It may cause fire and electric shock)
15. Please remove dust or water from the power plug with prongs.(It may cause fire and electric shock)
16. Please unplug immediately when you detect noise, smell of smoke.(It may cause fire and electric shock)
17. Do not disassemble or repair the unit by yourself. Warranty will be voided (It may cause electric shock and defect)

* Manufacturer is not liable or bears responsibility for negligence, misuse or abnormal use of the unit



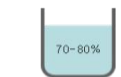
Caution: It may cause electric shock, Do not touch cord and surface of product with wet hands.

HOW TO USE:



(1)

1. Connect the power cord to the outlet.



(2)

2. Pour 600g of distilled water and 20g baking soda to container and stir until baking soda completely dissolved.



(3)

3. Install the alligator clip and anodizing plate



(4)

4. Insert an abutment to the anodizing bar and connect with alligator clip and **MAKE SURE TO COVER THE CONTAINER.** ***"OPEN" error comes out when the unit starts without covering the container to prevent from electric shock*



(5)

5. Turn on the power switch.



(6)

6. Adjust the voltage by pressing the up & down buttons.
Gold: 60V (Voltage range from 1 to 65, lower voltage lighter yellow)



(7)

7. Press Start button to operate



(8)

8. **Red LED light** with turn on while operating. When anodizing is complete the LED light turns **Green**.