

# BesQual-S730N

## USER'S MANUAL

### Digital Electro Polishing – Turbo - Unit



#### DESCRIPTION:

Electro Polisher is used for partial dentures, this unit removes impurities on castings such as partial frame or metal base materials. Using electro-chemistry analysis method, cleaning your partials is faster and more efficient.

- This unit has been improved to work faster and more efficient.
- Now it be attached with an air compressor; in doing so, air that pumps into the unit can be utilized to maximize its performance for rapid cleaning.
- The Electrolytic Clamp & Triangular Bar are made of corrosion-proof titanium material and it makes electrolytes for a long time.
- A built in digital circuits makes it simple to operate and current can be easily supplied constantly.
- It has an overload protection that isolates vibrations from the unit and mail current body; \*only when an overload occurs; "ERR" appears on the digital screen. – Please refer to reference (\*)
- For convenience, it has a memory function that stores (M1) an electrolytic power and time. (Refer to "Memory Function Setup")

#### SPECIFICATION:

Classification	Input Power Source	AMP	FUSE	DIMENSION (mm)			WEIGHT (KG)
				W	D	H	
BQ-S730-220	AC220 ~ 240v 50/60Hz	300w	3.15A	203	242	133	1.9
BQ-S730-110	AC100 ~ 120V 50/60Hz						

#### RANGE OF ENVIRONMENTAL CONDITIONS:

- Indoor use only
- Temperature 5°C ~ 40°C
- Humidity Min. 50% ~ Max. 80%
- Main Supply voltage fluctuations up to  $\pm 10\%$  of the nominal voltage.
- Pollution Degree: I

## INSTRUCTIONS:

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Connect the power cord
- Connect the casting unto the triangle stick
- Make sure to install the following parts into the unit:
  - Electrolytic plate is attached on the negative terminal (black)
  - Electrolytic clamp on the positive terminal (red)
  - Triangle stick along with the casting unto the electrolytic clamp.
  - Air hose on the back of the unit
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Turn on the power switch
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By pressing "A" set the desired current (AMP) and TIME by pressing UP or DOWN arrows. (You can convert AMP and TIME by pressing "A" button, a dot in the lower right corner will appear).
- Press "RUN" button to start electrolyzing when ready.
- Upon completion of electrolysis, electrolysis is blocked and a buzzer will ring
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Turn the gold screw at the back of the unit counterclockwise to operate the "Air Blow." You can control the amount of air by loosening or tightening the gold screw.
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Press "Air" in front of the unit to turn on to activate "Air Blow"  
("Air Blow" function only works while electrolyzing)

## MEMORY FUNCTION SETUP

Memory Function: Set the AMP and Time. Press the "M" key until beep sound. Then set point is memorized. Press "M" key, load the saved set point.

Reference:

(\*) - "ERR" on: Press the "RUN" key, "ERR" will disappear

(\*\*) - If not satisfied with the result, please try to change the electrolyte or set more time

## CAUTION

- Do not touch unit, cord or plug with wet hands.
- Protect the unit from bumps or scrapes, which may cause mechanical problems.
- Contact us with any questions or detailed information about troubleshooting.
- For the optimum polishing. The sand blasting on the surface of the metal should be clean.
- Do not use worn out power cord or loose plug. (It may cause fire and electric shock).
- Do not bend power cord and do not let the cord to be pressed under heavy items. (It may cause fire and electric shock).
- WARNING:** To avoid the risk of electric shock, this equipment must only be connected to a power source that is grounded.
- Do not block the ventilation openings at the bottom of the products. (It may cause overheat and fire).
- Please unplug the unit when it is thundering or lightening and while not in used for a long time.
- Do not pull out the plug without gripping on the head and don't touch with wet hands.
- Do not store or use the unit on a place with high humidity, dust or spitting water.
- Please store the unit away from heating instruments.
- Please clean the product after unplugging, don't spray water directly, and avoid chemical cleaning products.
- Please remove any dust or water on the power plug prongs.
- Please unplug immediately when you detect noise or smell smoke.
- Do not disassemble or repair the unit.
- During operation, please do not touch electro polishing sticks or plates, only when the unit is off.
- Do not use more than 30 minutes continuously and rest for 10 minutes before use.

**\*\*\*Manufacturer is not liable with any equipment problems that may occur if used abnormally.**