

MODEL : AQUA PEEL mini

User's Manual



1. Name of Product

- 1) Name of product : Electric, motorized medical suction system
- 2) No. of product category : A39010.02
- 3) Grade : 2
- 4) Brand name : Aqua Peel Mini

2. Summary

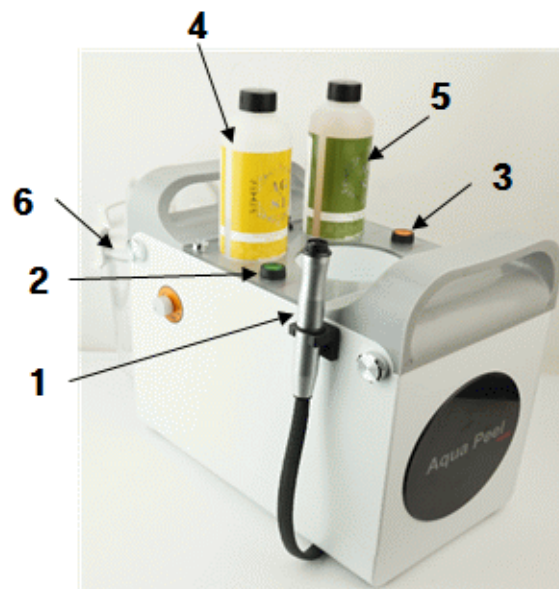
Equipped with main unit, suction bottle, suction tube, hand piece and power cable , AquaPeel mini system is vacuum pressure-used medical device for treatments of sebum and acne.

User can easily adjust the suction pressure from “High - Low” by selecting the nobe which is located in the right side panel.

3. Parts

1) Parts

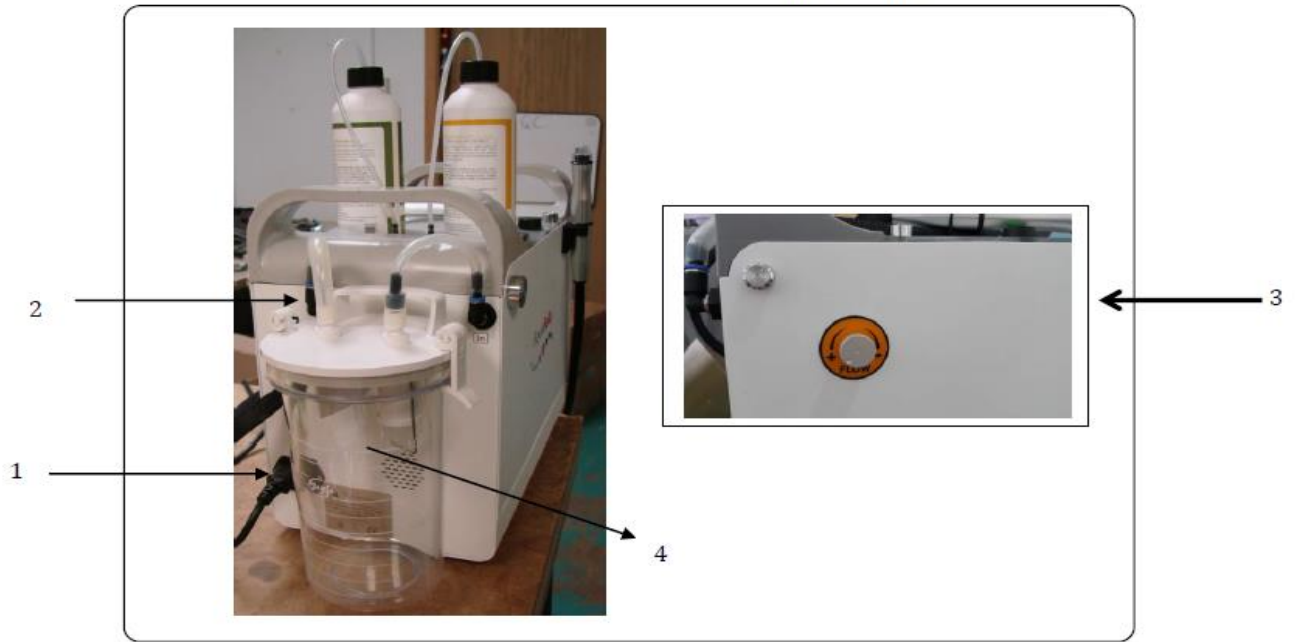
► Front



No	Name	Function	Remarks
1	Hand piece	Suction of sebum and acne	
2	S/W #1	Solution ON/OFF Switch #1	
3	S/W #2	Solution ON/OFF Switch #2	
4	Solution #1	Solution Bottle #1	
5	Solution #2	Solution Bottle #2	
6	Suction Bottle	Plastic container contents such as sebum	

Back

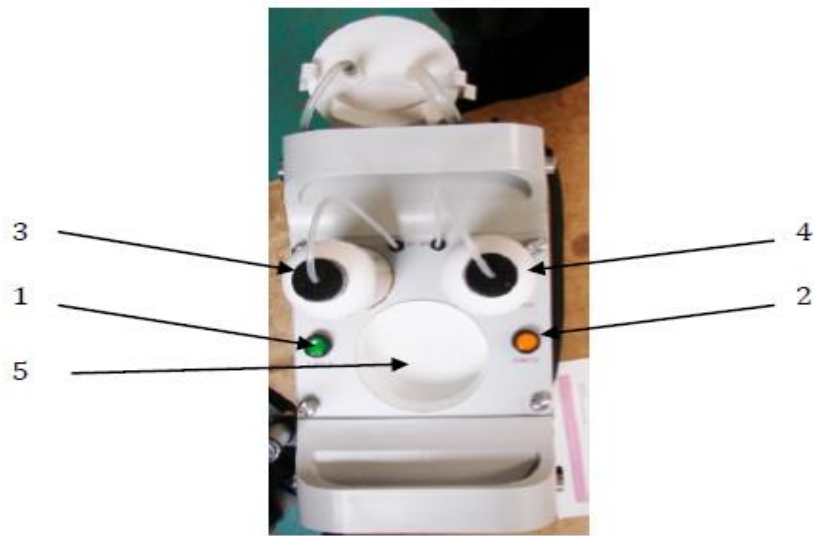
Side Panels



No	Name	Function	Remark
1	Inlet	Supplies AC Power	
2	Switch	ON/OFF	
3	Flow	Control for solution flow rate	Left side panel*
4	Suction Bottle	Filters contents such as sebum	Ensure bottle is mounted to back of machine using supplied bracket.



Top View



No	Function	Remarks
1	ON/OFF Switch (green) for Solution 1	
2	ON/OFF Switch (orange) for Solution 3	
3	Solution Bottle #1	
4	Solution Bottle #3	
5	Storage Tray	

4. Specification

- 1) Size : 350(W) x 200(D) x 320(H) mm
- 2) Weight : 13kg
- 3) VACUUM : 670mmHg

5. Components

1	Main unit		1ea	
2	Tips	Large	10ea	Disposable
		Small	10ea	
3	Suction bottle		1ea	
4	Solutions		2ea	Disposable
5	User's Manual		1ea	
6	Power cable		1ea	

※ All disposable products above are supplied by manufacturer

6. Characteristics

(1) Principles of operation

Power from the main power supply activates the vacuum pump and controller; and vacuum pressure is adjusted by choosing the suction pressure adjusting nobe.

Once the negative pressure generated by suction pump creates vacuum in the rear suction canister bottle, materials such as sebum and white head from patient flow through the suction tube(vacuum tube) into the rear suction bottle.

To prevent the overflowing of suctioned materials, user must be check the water height level in the canister.

(2) Rated electricity

- Electricity : Single phase/ AC220V
- Frequency : 60 Hz
- Electricity consumption : 200VA

7. Functions and purpose of use

1) Function

(1) Ranges of suction pressure adjustment : Maximum, Medium, and Minimum

(2) Noise level : Less than 60dB

(3) Operation mode : Continuous

(4) Operation and storage temperatures

① Operation temperatures

- Temperature : 15~40 °C

- Humidity : 30~75%

② Transport and storage temperatures

- Temperature : -15~50 °C

- Humidity : 10~95%

2) Purpose of use

Uses external vacuum pressure to suck blood, humor, sebum and acne for treatment

8. Operations and use of system

1) Preparations

- ① Check the main power supply is proper
- ② Check if switches are properly connected and if the main unit works normally
- ③ Check if the ground connection is complete
- ④ Refill the liquid bottle if necessary
- ⑤ Make sure that only the authorized, qualified person operates the unit
- ⑥ Read the User's manual thoroughly before use
- ⑦ Check the conditions of suction bottle.
- ⑧ Suctioned materials in the suction bottle should be removed after use.

- Refill the liquid bottle if necessary.
- Connect the suction bottle. Make sure bottle is properly installed on the AquaGlo Mini. Ensure the suction bottle cover is sealed correctly. Make sure the bottle has sufficient space to collect waste. To install, see picture and instruction below:

Connect "OUT" shown on suction bottle to "OUT" Bottle.

Connect "IN" shown on suction bottle "IN" Bottle.



- Make sure the stainless springs are in the two large tubes.



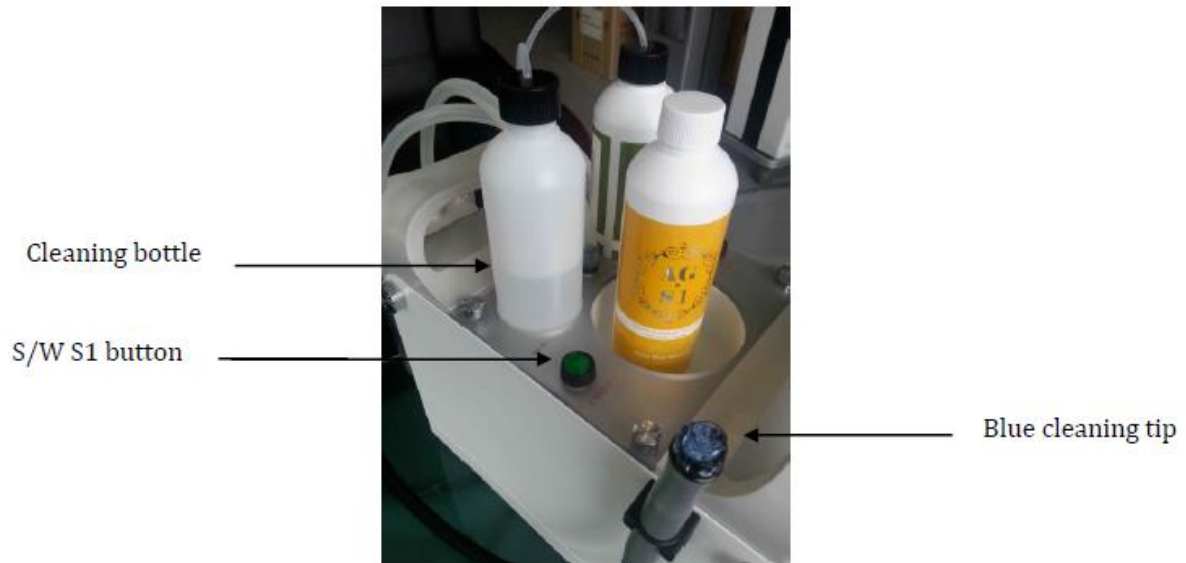
2) Operations and procedures to operate

- ① Connect the main power and turn on the power
- ② Press the proper button S/W #1 for #1 solution or #2 for #2 solution to start.
- ③ Adjust suction pressure(LOW/HIGH) in the side panel . In general, HIGH is used; however, if patient's skin is sensitive, LOW is used.
- ④ Put hand piece on the skin and gently rub in the desired areas .
- ⑤ After finish the treatment, change tip(blue color) for cleaning the suction tube.
- ⑥ One of solution exchange with cleaning water bottle(warm water)
- ⑦ Press the proper button switch #1 or #2 to clean the hand piece and inside the suction tube.

3) Cleaning

- Replace clear tip with blue cleaning tip on hand piece.
- To perform cleaning, remove Solution #1 bottle and replace with white cleaning bottle in solution #1 holder filled with distilled warm water. Fill cleaning bottle with distilled warm water solution until one-third bottle is full.
- Place suction tube and cap onto white cleaning bottle. Open flow rate all the way (7 ½ turns). Press the S/W (S1) On/Off button and run with cleaning tip on for 3 minutes. After 3 minutes of cleaning, turn off machine, drain cleaning bottle and rinse thoroughly. Add only distilled warm water and repeat cleaning process to flush all systems of cleaning solution. After cleaning, wait 5 minutes.

Cleaning Procedure



3) Maintenance

- ① Always keep the unit clean and keep the suction bottle empty after use.
- ② Keep the unit away from water
- ③ Store the unit at ambient temperatures
- ④ Unplug the power cable if the unit is not used for a long period of time

4) Caution

- ① Do not use the unit at extreme temperatures, either coldest or hottest.
- ② Do not renovate the unit
- ③ Stop the unit immediately if there is any error in operations
- ⑤ Only trained, authorized person(s) should operate the unit.
- ⑥ Any damaged, broken part of the unit should be marked first and repaired by experts afterwards.
- ⑦ Do not expose the unit to flammables or any closed space where oxygen is used.

5) Danger management

- ※ Any used tip has to be disposed after use because of dangerous elements.
- ※ Sediments such as blood, humors, sebum, acne or any contaminated materials in the suction bottle should be completely removed and cleaned after use.
- ※ Operator has to first thoroughly read the User's manual and understand and remember how to operate safely in order to avoid any incidents which could do damage to patient, resulting from operator's inattention or mistake.
- ※ Because there should be degradation of unit's functions as a result of

continuous operations for long hours operator needs to stop the unit and restart after a while.

- ※ The unit is sophisticated, medical device which should avoid shock; any shock to the unit may cause malfunctions and/or errors.
- ※ Extremely high suction pressure may cause damage to the patient; proper suction pressure, depending on the patient's skin conditions, is necessary.
- ※ Misuse of the unit can create electric and/or mechanical errors. Thorough understanding about methods of use is crucial.
- ※ The use of the unit is strictly limited to those who are trained and qualified.

9. Maintenance

- ① Please clean in and outside the unit after use.
- ② For safe storage, follow below instructions:
 - (1) Do not expose the unit to any corrosive air.
 - (2) Do not expose to water or dust.
 - (3) Always keep the unit clean
- ③ Contact nearest sales representative or A/S center for any errors.
- ④ Regular check-up is crucial for keeping the unit in best conditions.
- ⑤ Do not adjust or alter the unit without permission.

How to Obtain Product Warranty Service

Contact M.I.Tech Customer Service Department at:

Tel: 042-483-6984,

Mobile Phone : 010 6255 1006

Email: mit1001@naver.com

Mail: #616, Hanshin S-Meca, 1359, Kwanpyung-Dong, Yuseong-Gu, Daejeon, Korea