

SM-2888B-1 8 in 1 MultiFunction System

This mobile system combines a variety of facial equipment function in one unit. The function includes High Frequency, Galvanic, Spray, rotary Brush, Herb Steamer with Ozone & Timer, Magnifying lamp and Woods lamp, also with the accessories holder on top to place accessories.

Functions:

1. High Frequency
2. Galvanic
3. Vacuum
4. Spray
5. Rotary Brush
6. Facial Steamer
7. Magnifying Lamp
8. Woods Lamp

Specifications:

- Voltage: 240V/50Hz
220V/50Hz
110V/60Hz
- Power: 836W
N.W: 36kg
G.W: 40kg



Package contents:

- 1- Insulated High Frequency Handle W/Wire
- 1- Glass Mushroom Electrode
- 1- Glass Spoon Electrode
- 1- Glass Angled Spot Electrode
- 1- Glass Straight Electrode (no coil wire inside)
- 1- Insulated Galvanic Handle
- 1- Roller Electrode
- 1- Ball Electrode
- 1- Circle Electrode
- 1- Rotary Brush Handle w/ Reversible Trigger
- 1- Large Brush
- 1- Small Brush
- 1- Large Sponge
- 1- Large Smooth Pad
- 1- Small Pumice
- 2- Spray Bottles
- 2- Black Tubing
- 3- Glass Ventouse
- 1- 5x Magnifying Lamp
- 1- Woods Lamp

Operating Instructions:

Herbal Steamer Function

1. Remove the large black cap and pour DISTILLED water into the hole at the top of the steamer until the glass container is filled to the red line (max capacity near the top of the container).
 2. Turn power switch on.
 3. Set the working time, wait for the steam to be emitted.
 4. Turn on the Ozone lamp as desired.
 5. Add herbs to the basket and set it into the top of the steamer to create a herbal mist.
 6. When the glass water container runs low on water, the thermostat will shut off the element automatically. The machine must be switched off to prevent burning out the element once the element cools and the thermostat turns the element on again.
- 1-

Operating Instructions:

Magnifying Lamp Function

1. Plug in power.
2. Turn Power switch on.
3. Adjust desired position.

Woods Lamp Function

1. Use this lamp in a dark room.
2. Turn Power switch on.
3. Scan on the skin surface. The color chart below determine the skin condition,

Color chart

Blue	-	Normal Skin
Brown	-	Pigmentation Skin
Orange	-	Oily Skin
Gray	-	Dehydration & Dry Skin
White	-	Old & Dead Cells
Yellow	-	Blackhead, Acne, Pimples

High Frequency Function:

1. Connect the handle's wire to the machine (it only fits one way) making sure to

- fasten it into place the securing ring.
2. Simply insert the desired glass electrode (metal end first) into the hole at the end of the handle.
 3. Using the power switch, turn the machine to the “on” position and the glass electrode should light up.
 4. To control the intensity of the electrode, use the knob located at the center of the face plate labeled “Min/Max”. Turning this knob allows the user to adjust the current to match the desired need.
 5. When the machine is not in use, make sure the power switch is in the “Off” position.

Caution: DO not drop or immerse the handle into water as this can cause the machine to short, damaging the machine/handle and causing possible serious injury to the person(s) in contact with the machine.

The high-frequency machine generates a current with a high rate of oscillation. This current is also known as Tesla Current. The action of this current is thermal, heat producing and germicidal. Because of the rapid oscillation of the current, there are no muscle contractions caused. The physiological effects are stimulating.

As the current energizes the glass electrodes tiny sparks are emitted. The glass electrodes are filled with a neon gas which lights up an orange-red color.

Benefits of High Frequency

- It stimulates circulation of the blood.
- It increases glandular activity.
- It aids in elimination and absorption
- It increases metabolism.
- Germicidal Action occurs during use.
- It generates heat inside the tissues.
- It aids in deeper penetrations of products into the skin.

All treatments should be started with a mild current. The length of treatment will depend on the condition of the skin being treated. In general, treatments are normally for 3 to 5 minutes.

This machine should not be used on clients who are pregnant or have a pacemaker. Never use a lotion with alcoholic content. If an alcoholic lotion needs to be used, use after the treatment with the machine.

Footnotes:

¹ - pages 274-277: Milady’s Standard Textbook for Professional Estheticians (Revised Edition) Seventh Edition, by Joel Gerson, 1992, Milady Publishing Company.

Galvanic Function:

6. Connect the Red/Black wire set into the machine using the plug and fasten the

- securing ring to hold the plug in place.
7. Connect the Electrode handle to the end of the red wire.
 8. Connect the straight indifferent electrode to the end of the black wire for the client to hold.
 9. Chose the electrode that best desired treatment and insert it into the Electrode handle and tighten the secure head to prevent dropping the electrode.
 10. Select the current you wish to use, “-“or “+”. Do not set the intensity too high to start with.
(Notice: The machine has auto protection to shut off the Galvanic function when the output current reached excessive intensity to the treatment area. To restart the function, turn the intensity knob left to the off position, then turn right to reactivate the function.)
 11. To select the desired current, simply press the button on the front panel as drawn on the machine.
 12. When the machine is not in use make sure the power switch is in the “Off” position.

Caution: DO not drop or immerse the handle into water as this can cause the machine to short, damaging the machine/handle and causing possible serious injury to the person(s) in contact with the machine.

Galvanic current has two important functions during a facial. One is – Disincrustation - to soften grease and sebum deposits, making them easier to remove. The second is – Iontophoresis – to introduce water soluble treatment products into the skin.¹

Galvanic current is a low level direct current. Chemical changes are produced when current is passed through certain solutions containing acids and salts. Chemical effects are also produced when galvanic current is passed through the tissues and fluids of the body.²

<i>Positive Pole (Anode)</i>	<i>Negative Pole (Cathode)</i>
Produces an acid reaction.	Produces an alkaline reaction.
Soothes nerves.	Stimulates nerves.
Decreases blood supply.	Increases blood supply.
Hardens tissues.	Softens tissues.

Phoresis – the forcing of chemical solutions into the skin by means of galvanic current. Below two forms are listed, Cataphoresis for the positive pole and Anaphoresis for the negative pole.

Use the positive pole to:

- Close the follicles or pores after the facial treatment
- Decrease redness as in acne.
- Prevent inflammation after a comedone and blemish treatment.
- Force acid PH solutions, such as astringent into the skin. This is called Cataphoresis.

Use the negative pole to:

- Stimulate the circulation of blood to dry skin.
- Force Disincrustation (alkaline PH) solution into the skin. This is called Anaphoresis.

DO NOT USE GALVANIC CURRENT OVER AN AREA HAVING BROKEN CAPILLARIES.

Testing for polarity:

When using galvanic current, there are two poles, a negative (-) and a positive (+).

Different polarity is used for different functions. Before applying the galvanic current, the esthetician should know which is the positive pole and which is the negative. Polarity can be tested as follows:

1. Separate the tips of the two conducting cords and immerse them in a glass of water to which a dash of salt has been added. Turn up the current. As the water is ionized many small bubbles will accumulate at the negative pole and fewer larger bubbles will appear on the positive pole.
2. Place the tips of the two conducting cords on a moistened litmus paper. The paper under the positive pole will turn red, while the paper under the negative pole will turn green or blue.

Footnotes:

¹ - pages 267-269: Milady's Standard Textbook for Professional Estheticians (Revised Edition) Seventh Edition, by Joel Gerson, 1992, Milady Publishing Company

² - pages 267-269: Milady's Standard Textbook for Professional Estheticians (Revised Edition) Seventh Edition, by Joel Gerson, 1992, Milady Publishing Company

When your machine is new, the motor may require a "break-in" period. When cold, the motor may not immediately start. If your machine does not start the first time, leave the machine "ON" for about three to four minutes to build heat in the motor. Then begin by turning it "OFF" and "ON" several times. Once the motor begins running let it run for about two hours to begin the break-in process.

Vac / Spary Function:

13. Start the machine: To turn on the machine, press the "on" button. The motor for the Vac & spray will begin running.
14. Connect the hoses to the machine, black for suction and black for spray.
15. Determine the choice of function and use the accessories accordingly, glass tubes for suction and bottles for spray.
16. Depending on the function being used, disconnect the opposite hose for best results.
17. To increase vacuum or spray, turn the intensity control to the right and to decrease the vacuum or spray, turn the control to the left.
18. When the machine is not in use make sure the power switch is in the "Off"

position.

Caution: DO not drop or immerse the tubing into water as this can cause the machine to short, damaging the machine and causing possible serious injury to the person(s) in contact with the machine.

Function of the Vacuum Suction

Suction is helpful for the cleansing of deep pores in the skin. It can suction out deeply embedded dirt, grease and other impurities. Suction can also provide a deep penetrating massage which brings blood to the surface of the skin. Blood provides nourishment to the cell of the skin and also carries away toxins.¹

Function of the Spray Atomizer

Spray has many features in facial treatments. It can be used in cleansing, cooling, and application of soothing fragrances. Use of consistent spray can be used to flush out pores, using 2 parts distilled water and 1 part astringent. Spray also stimulates nerve endings and activates cell metabolism.²

Footnotes:

¹ - pages 278-279: Milady's Standard Textbook for Professional Estheticians (Revised Edition) Seventh Edition, by Joel Gerson, 1992, Milady Publishing Company

² - pages 277-278: Milady's Standard Textbook for Professional Estheticians (Revised Edition) Seventh Edition, by Joel Gerson, 1992, Milady Publishing Company

Rotary Brush Function:

19. Make sure that the power switch is in the "Off" position.
20. Connect the wire to the Brush Handle (it only fits one way) making sure to secure it on the handle with the fastening ring.
21. Connect the other end of the wire to the machine with the fastening ring.
22. Simply pick the desired accessory to be used for the treatment and insert it into the head of the gun making sure that the little pins line up to the slots on the head, allowing the piece to lock into place. Note, that if the accessory is not locked into place properly, it will not spin when any pressure is applied during use.
23. Press the "on/off" button, and the machine attachment on the handle should begin to rotate.
24. To control the speed of the attachment rotation, there is a knob on the center of the face plate "Min/Max". Turning this knob will allow the user to control the speed.
25. On the handle, there is a trigger which can be used to stop the attachment from rotating and also to reverse the direction of rotation. Make sure to STOP the rotation before reversing the direction to prevent damage to the handle.
26. When the machine is not used make sure the power switch is in the "Off" position.

Caution: DO not drop or immerse the handle into water as this can cause the machine to short, damaging the machine/handle and causing possible serious injury to the person(s) in contact with the machine.

Basics of using the rotary brush machine:

The purpose of the Rotary Brush is to slough off the dead skin cells and remove any dirt and grime that clings the surface of the skin. Before any brushing is done the skin should be cleansed with sponges or cotton pads and then steamed with vapor or moist warmed towels.¹

Massage removes some of the dead surface cells and the brushing is a continuation of the cleaning process. The brush is started on the neck and continued up to the jaw, chin, cheeks, upper lip, nose and the forehead. Swirling on the skin, the brush creates an excellent massage. It stimulates and cleanses the skin while giving a very light exfoliation. Brushing is beneficial used on all types of skin except for acne skins. Brushing may irritate the acne. On skins with broken capillaries, use the brush very lightly and with severely broken capillaries brushing should be avoided.²

To sterilize your brush, place it in a bowl of alcohol for 20 minutes.³

For more detailed information we recommend referring to the latest edition of Milady's Standard Textbook for Professional Estheticians. The book is loaded with information you need to know about the multiple functions of most esthetic equipment.

Footnotes:

¹ - ³ - pages 265-266: Milady's Standard Textbook for Professional Estheticians (Revised Edition) Seventh Edition, by Joel Gerson, 1992, Milady Publishing Company