Introduction

From our new design, this all metal suitcase machine features three machine in one unit. It includes High Frequency, Galvanic and Vac / Spray functions, and all standard features for each function.

SM-608C Control Panel

Package contents:
1- Insulated High Frequency Handle W/Wire
1- Glass Spoon Electrode
1- Glass Mushroom Electrode
1- Glass Straight Electrode (no coil wire inside)
1- Glass angled Spot Electrode
2- Spray Bottles
3- Glass Ventouses
1- Black Tubing
1- Red Tubing
1- Roller Electrode
1- Ball Electrode
1- Circle Electrode
1- Indifferent Electrode
2- Galvanic positive wire Set (Red)
1- Black Wire (connect to indifferent handle)

Operating Instructions:

High Frequency Function:
1. Connect the High frequency handle’s wire to the HF Out put (1).
2. Simply insert the desired glass electrode (metal end first) into the hole at the end of the handle.
3. Press power switch (2), the glass electrode should light up.
4. To control the intensity of the electrode, use the High frequency knob (8). 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.
Galvanic Function:
7. Connect the desired Galvanic electrode to the end of the Positive wire.
8. Connect the indifferent handle to Black wire, and connect the Black wire into Negative socket (11), let the client hold the indifferent handle.
9. Press power switch (13) to turn on Galvanic function.
10. Adjust the desired current by Galvanic intensity knob (10), the intensity level displays on the Galvanic intensity gauge (9).
11. When the machine is not in use make sure the power switch is in the “Off” position.

Vac/Spary Function:
12. Press power switch (5) to turn on Vac / Spray function.
13. Connect the hoses to the Vac (4) / Spray (3) output.
14. Determine the choice of function and use the accessories accordingly, Glass ventouses for Vacuum and bottles for spray.
15. Depending on the function being used, disconnect the opposite hose for best results.
16. To increase vacuum or spray, adjust the Intensity control knob(7).
17. When the machine is not in use make sure the power switch is in the “Off” position.

* The Vent (6) located at the left side of the panel is designed to disperse Heat.

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.

Package contents:
- 2- Insulated High Frequency Handle W/Wire
- 2- Glass Spoon Electrode
- 2- Glass Mushroom Electrode
- 2- Glass Straight Electrode (no coil wire inside)
- 1- Glass angled Spot Electrode
- 1- Rotary Brush Handle with Reversible trigger
- 1- Wire (connect handle to machine)
- 1- Large Brush
- 1- Small Brush
- 2- Large Smooth Pad
- 1- Large Sponge
- 1- Small Pumice
- 1- Galvanic Handle
- 1- Roller Electrode
- 1- Ball Electrode
- 1- Circle Electrode
- 1- Indifferent Electrode
- 1- Negative & Positive Wire Set
- 2- Spray Bottles
- 2- Black Tubing
- 3- Glass Ventouse

Operating Instructions:

*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 place 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
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:

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. Choose 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
## Positive Pole (Anode) vs Negative Pole (Cathode)

<table>
<thead>
<tr>
<th>Positive Pole (Anode)</th>
<th>Negative Pole (Cathode)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Produces an acid reaction.</td>
<td>Produces an alkaline reaction.</td>
</tr>
<tr>
<td>Soothes nerves.</td>
<td>Stimulates nerves.</td>
</tr>
<tr>
<td>Decreases blood supply.</td>
<td>Increases blood supply.</td>
</tr>
<tr>
<td>Hardens tissues.</td>
<td>Softens tissues.</td>
</tr>
</tbody>
</table>

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:


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: