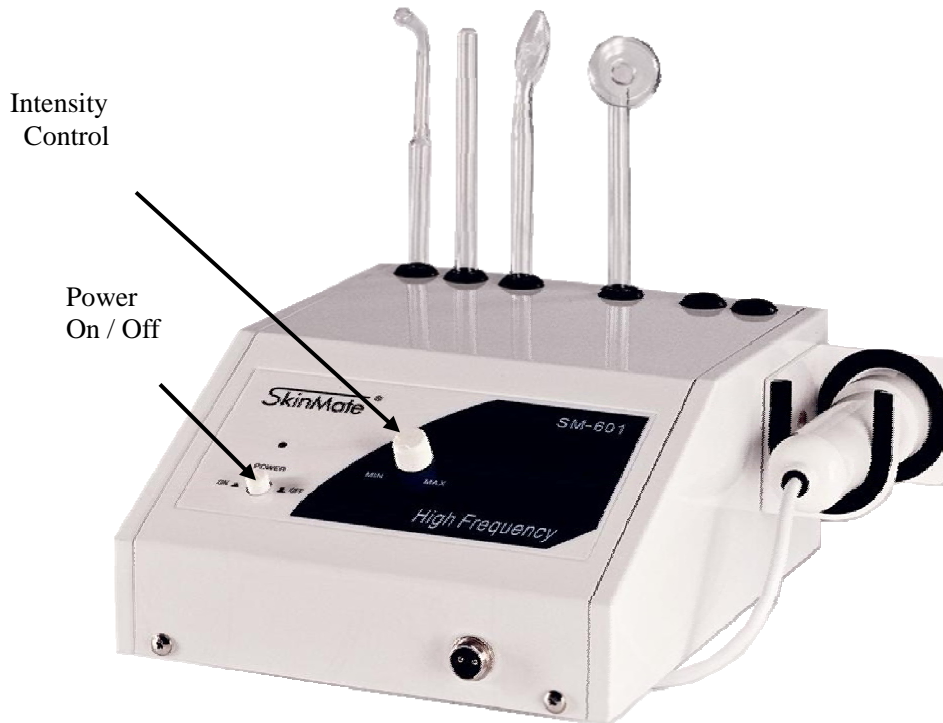


# SkinMate equipment

## SM-601 / J8801 High-Frequency User's Guide



### Included Accessories:

- 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

### **Assembly and Basic Operation:**

#### 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.

6. When inserting the glass neon electrodes twist them on and remember to twist them when removing them. Failure to twist the electrodes may cause the metal caps on the end of the electrodes to come off in the handle.

**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.**

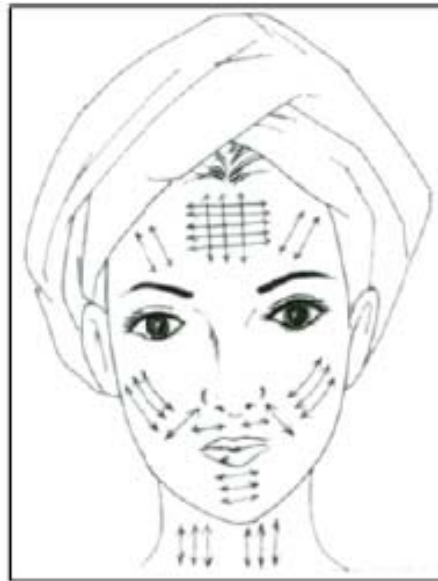
### About High-Frequency and Treatments

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. Due to 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. Some manufacturers use a blue/purple colored argon gas. Regardless of the color gas, the stimulation is the same as are the germicidal effects.

#### Some of the 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.



Firstly, the skin should be well cleansed and exfoliated. Afterwards use the high-frequency current on blemishes and areas of acne breakouts. Keep the electrode in motion and be careful not to leave the electrode in one spot for too long. If the electrode were left in one spot for too long, the high-frequency will discolor the skin. In most cases, this is temporary. When treating a specific blemish, use the curved spot applying 2 to 3 times for no more than 5 seconds. If you client has sensitive skin, you may choose not to do spot treatments.

Above is a selection of strokes that may be used. Variations of this example are also acceptable. Circular

strokes and curved strokes are common methods of treatment with these electrodes.

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 the alcoholic lotion only after the treatment with the machine.

### **Maintenance and trouble shooting of your machine:**

Should you experience any difficulty with your product, try these simple procedures before calling your sales person for service.

**1.** If your electrode does not light up when plugged in and turned powered on.

**a.** Turn up the intensity control. If this does not resolve the problem...

**b.** Try another electrode. If the other electrode lights up, then the electrode not lighting up has lost the gas charge and will need to be replaced. If all your electrodes do not start up, turn off your machine and remove the electrode from the handle. Once the electrode has been removed, hold the handle with the open end against your machine and then turn on the power. If your handle is working properly, it should arc (spark) against the metal of the machine, then turn off. If the handle does not arc (spark), then turn off the machine. Your handle has a coil inside which acts as the starter for the neon glass electrode. This will need to be replaced if it does not arc (spark).

**c.** On rare occasions, a PC Board may be malfunctioning.

**2.** Cannot control the intensity.

**a.** Your intensity control switch is malfunctioning.

**3.** When in the process of a treatment, the electrode turns off and on.

**a.** The cord to the handle has a short (a broken wire) inside and will require service.

**4.** If the metal cap on the end of the electrode comes off.

**a.** It can be glued back on with Super Glue Gel. The metal cap coming off should not leak out the gas. The glass tubes are completely sealed. If the metal cap is stuck inside the handle, make sure the machine is turned off before trying to remove it.

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:

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