

# Diamond Hand-piece and Diamond Tips

## ASSEMBLING THE DIAMOND HAND-PIECE

When using the Diamond hand-piece and Diamond tips, make sure that no other tubing is plugged into the front of the MegaPeel system.

- ◆ To use the Diamond hand-piece and tips, take the single pink tube and insert into the vacuum (pink) side on the front of the MegaPeel. The crystal (blue) side will be left without a tube.



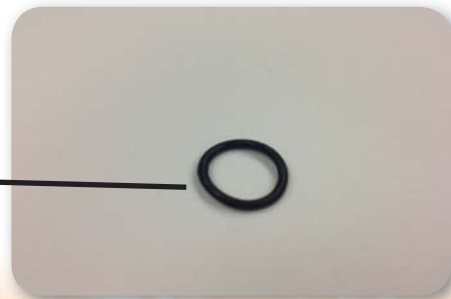
- ◆ Insert the other end of the tubing with the metal connector into the Diamond hand-piece, making sure it is secure.



- ◆ Attach the desired Diamond tip to the end of the Diamond hand-piece.

### NOTE:

Before placing the Diamond tip to the hand-piece, make sure the black o-ring is in place on the handpiece.



# Daily Maintenance of Diamond Tips

## CLEANING AND STERILIZATION OF TIPS IMMEDIATELY AFTER USE

Proper cleaning of the Diamond tips is imperative to your patients' health. Cleaning must be performed immediately after every treatment. It is not necessary to clean the Diamond hand-piece after each treatment.

- ◆ Immediately after each use, remove the Diamond tip from the Diamond hand-piece and rinse under hot running water. Scrub the abrasive surface of the Diamond tip with a brush (located in the cleaning kit which comes with the Diamond Tips) to remove the protein material.
- ◆ The Diamond tip should then be placed in the CaviCide1, using either a tray or an ultrasonic unit, making sure it is completely covered and let it soak in CaviCide1 for 3 minutes at room temperature (68°F/20°C).

## STANDARD STEAM STERILIZATION OF TIPS

- ◆ Standard steam sterilization is based on your autoclave's maintenance parameters.
- ◆ Every sterilizer is different, please consult with your sterilizer's operating manual for recommended sterilization times and temperatures.
- ◆ Steam sterilization should always be used if the surface of the skin may be penetrated.

### NOTE

General Guidelines: 30 minutes: 250° Fahrenheit at 15psi or 121° Celsius at 1kg/CM2

## COLD STEAM STERILIZATION

- ◆ Most cold sterilization solutions render instruments only after a 10 hour immersion. If the instruments need to "disinfect" only, cold sterilization is ok as disinfection will take place in only 10 minutes.
- ◆ Follow all cold sterilization/disinfection protocol as mandated by your facility. Use only a facility approved disinfectant.

### NOTE

General Guidelines: Soak tips in a facility approved disinfectant (such as DermaMed Solutions' Cavicide Disinfectant Spray (Item # EX-903SCD - to order please call 610.358.4447)

# Maintenance of Diamond Hand-piece

## CLEANING AND STERILIZATION OF HAND-PIECE

### NOTE

It is not necessary to clean the Diamond hand-piece after each use

- ◆ To clean the Diamond hand-piece, first remove the Diamond hand-piece from the tubing attachment using the small screwdriver found in the Tip Box.



- ◆ Carefully insert the end of the screwdriver into the space between the Diamond hand-piece and the metal connector attached to the pink tubing. Use the screwdriver to separate the 2 pieces.



- ◆ The Diamond hand -piece should then be placed in the Cavicide1, using either a tray or an ultrasonic unit, making sure they are completely covered and let them soak in CaviCide for 3 minutes at room temperature (68°F/20°C).

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### NOTE

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## Maintenance of Diamond Tubing

### CLEANING AND STERILIZATION OF CONNECTOR ON TUBING

### NOTE

It is not necessary to clean the connector on tubing. The connector can NOT be autoclaved and only placed in CaviCide1

- ◆ To clean the Diamond tubing connector, depress the connector ring located at the bottom of the tubing and at the same time, pull out the pink tube.
- ◆ The tubing connector should then be placed in the Cavicide1, using either a tray or an ultrasonic unit, making sure they are completely covered and let them soak in CaviCide for 3 minutes at room temperature (68°F/20°C).
- ◆ The tubing can also be placed in the CaviCide solution while still attached to the pink tubing.

## Diamond Hand-piece Treatment Guidelines

### VACUUM

- ◆ The vacuum setting determines the amount of pressure between the skin and the abrasive surface.
- ◆ Low vacuum setting, 35 kPa, applies a low force.
- ◆ High vacuum setting, 45 kPa, applies a high force between the skin and the abrasive.

### NOTE

Never use vacuum around the eye area. Vacuum can cause redness and swelling in this sensitive area.

- ◆ The vacuum setting can only be read when the tip end is covered.
- ◆ Cover the end of the wand and the gauge will show the current vacuum setting.
- ◆ Turning the vacuum knob clockwise will increase the vacuum pressure.

## NUMBER OF PASSES

- ◆ The wands should pass over the skin surface at least twice and the passes should be overlapping to achieve a uniform result.
- ◆ The first pass is normally vertical and the second pass is horizontal.
- ◆ The speed which you move the wand is not critical.

### NOTE





Refer to Chapter 2: PERFORMING A MICRODERMABRASION TREATMENT MICRODERMABRASION TREATMENT GUIDELINE in the MegaPeel Instructional Manual.

## Diamond Tip Guide

Bonded on to the ends of the tips are natural diamonds. The diamond tips abrasiveness is measured in microns. The finer the abrasive, the less material is removed with each pass. Each tip has a number on the base which indicates the mesh. They vary anywhere from 75-200 mesh.

- ◆ The tip with 75 mesh diamond abrasive is more aggressive.
- ◆ The medium tips have a diamond abrasive which read 100 and 150 mesh.
- ◆ The finer tip has a diamond abrasive of 200 mesh.

It is very important is to keep the abrasive surface clean and to make sure you remove all skin particles. Replace the tips if they become chipped or worn.

Diamond Tip	Mesh	Description	Indication
	75	Extra Coarse	For the body & larger surface areas, especially for acne, knees, elbow areas, and stretch marks.
	100	Coarse	For larger blemishes on the face.
	150	Medium	Standard tip used for most facial treatments. The smaller head can be used for fine lines and smaller areas.
	200	Fine	For more sensitive skin types, use this smooth tip for most facial treatments.

**Note:** The lower number, the more aggressive the treatment. Proper cleaning of the Diamond tips is imperative to your patients' health. Cleaning must be performed immediately after every treatment. It is not necessary to clean the Diamond hand-piece after each treatment.