

# **Power Peel**®

Microdermabrasion System



## **A3500 Operator Manual**

**(Crystal & Crystal Free Procedures)**

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## **HISTORY**

The development of microdermabrasion began in Europe in the mid 1980's. In 1996, the FDA approved microdermabrasion and actively marketed in the USA as the PowerPeel® Microdermabrasion System. This design of the system is for both the medical and spa markets for the treatment of fine lines, sun damage, hyperpigmentation, uneven skin tone, oily and acne prone skin, comedones, enlarged pores and as a pre-laser treatment.

The PowerPeel® Microdermabrasion System works by vacuuming ultra-fine aluminum oxide crystals across the surface of the skin, exfoliating gently and precisely, removing dead skin cells and revealing the new softer, fresher skin below. The finely abrasive action also stimulates the production of new skin cells, collagen and elastin to improve the skin's appearance.

The PowerPeel A3500 can be both a crystal and crystal free system, see Page 17.

## **INTRODUCTION**

### **UBS Aesthetics Exclusive National Distributor of the PowerPeel® Microdermabrasion System**

UBS Aesthetics is a national distributor for clinically proven or FDA cleared products and equipment. Our selection process for products and services maintains the highest standard of quality in the industry. We provide unsurpassed customer service for the life of your equipment. Our commitment, integrity and honesty is proof by our customer satisfaction and loyalty.

**UBS Aesthetics** also represents a variety of other products intended for use in the aesthetic industry. You may see our entire product offering by visiting our website [www.ubsaesthetics.com](http://www.ubsaesthetics.com).

**UBS Aesthetics** is committed to bringing you the highest quality products and the highest level of customer service available in the industry. Please call us directly at 1-800-925-5022 if you have any questions. We are happy to hear from you and are available to assist you with treatment questions and technical support for the life of your equipment. Our office hours are Monday through Friday, 8:30 AM – 5:00 PM EST.

## **SYSTEM DESCRIPTION**

The major components of the PowerPeel A3500 are the vacuum pump, compressor, metal handpiece and tubing interlink. The angled, user-friendly, controlled handpiece is made of stainless steel with a titanium venture valve and is fitted with a plastic tip with an aperture through which air and crystals flow. The tip is changed for each procedure. Plastic tubing connects the handpiece to the system's two crystal containers.

When the handpiece has full contact with the skin, the vacuum pressure activates the system's crystal flow. By watching the crystals agitate in the clean container, there is visible proof of the vacuum pressure. The airflow system begins at the compressors intake port, then passes through the clean crystal container and carries the crystals through the tubing to the handpiece. The patented engineered shape of the handpiece nozzle allows a uniform and effective exfoliating action. Once the crystals pass over the skin, the vacuum absorbs the waste crystals into the sealed waste container. The vacuum pressure may be controlled by adjusting the regulator knob.

### **How many treatments are needed?**

Although one microdermabrasion will yield a fresher, smoother looking skin, longer lasting results are cumulative and improve with each treatment. Recommendation for a microdermabrasion treatment is 7 to 10 days for a series of 6-12 sessions. Follow by a monthly maintenance treatment in order to achieve the client's desired results.

## **FEATURES**

- portable
- no down time
- non-invasive
- immediate results
- for all skin types & skin colors

## **BENEFITS**

- softens fine lines and wrinkles
- stimulates collagen and elastin
- reduces pore size for healthier looking skin
- fades sun damage
- smooths and diminishes acne scarring
- reduces hyperpigmentation

### **What type of skin can benefit from a microdermabrasion treatment?**

All skin types and skin colors can benefit from a microdermabrasion treatment. Aging, flaky, dry, blemished, dull and sun damaged skin will be rejuvenated and refreshed. Blotchy, uneven skin tones and textures will be improved as well.

### **Expectations**

Unrealistic expectations can lead to disappointment. It is important that the esthetician and the client have a clear understanding of the expected results. In addition, it is important to communicate the contraindications to the client. The client needs to inform you if they have a diagnosis of an illness or prescribed medication in the middle of their series of treatments.

## **INDICATIONS**

- fine lines
- mild acne
- mild discoloration
- rough skin and enlarged pores
- sun damage

The PowerPeel microdermabrasion system design is to exfoliate gently and precisely, gradually improving abnormalities and leaving the skin looking fresher, younger, smoother and healthier.

Once the treatment is completed, the client can apply make-up. It is recommended that no products containing acid be used 72 hours before and after a microdermabrasion.

Proper assessment of the skin prior to treatment is essential. A skin evaluation must commence when deciding whether the PowerPeel microdermabrasion treatment is appropriate for your client. The evaluation includes assessing thickness, degree of damage and pre-existing skin conditions to determine vacuum setting and number of passes. That is why the PowerPeel microdermabrasion System is only available to physicians and licensed estheticians. Following the initial assessment, clients with skin conditions which may require medical treatment should be referred to a physician for proper evaluation and treatment prior to a PowerPeel treatment.

The PowerPeel microdermabrasion treatment is ideal for use 7-10 days prior to a laser resurfacing procedure, as it enhances the effectiveness of the laser. The PowerPeel microdermabrasion system used alternately with glycolic or other professional acid treatments (Retin-A and Renova), when spaced at least seven days apart, can enhance their effectiveness.

## CONTRAINDICATIONS

It is important to remember that not every client is a candidate for microdermabrasion. A careful evaluation of the skin is necessary, as well as a medical history to determine if your client has any known infectious or inflammatory skin disease or is taking any medication that might interfere with healing or increase the risk of post-inflammatory hyperpigmentation. These include, but are not limited to:

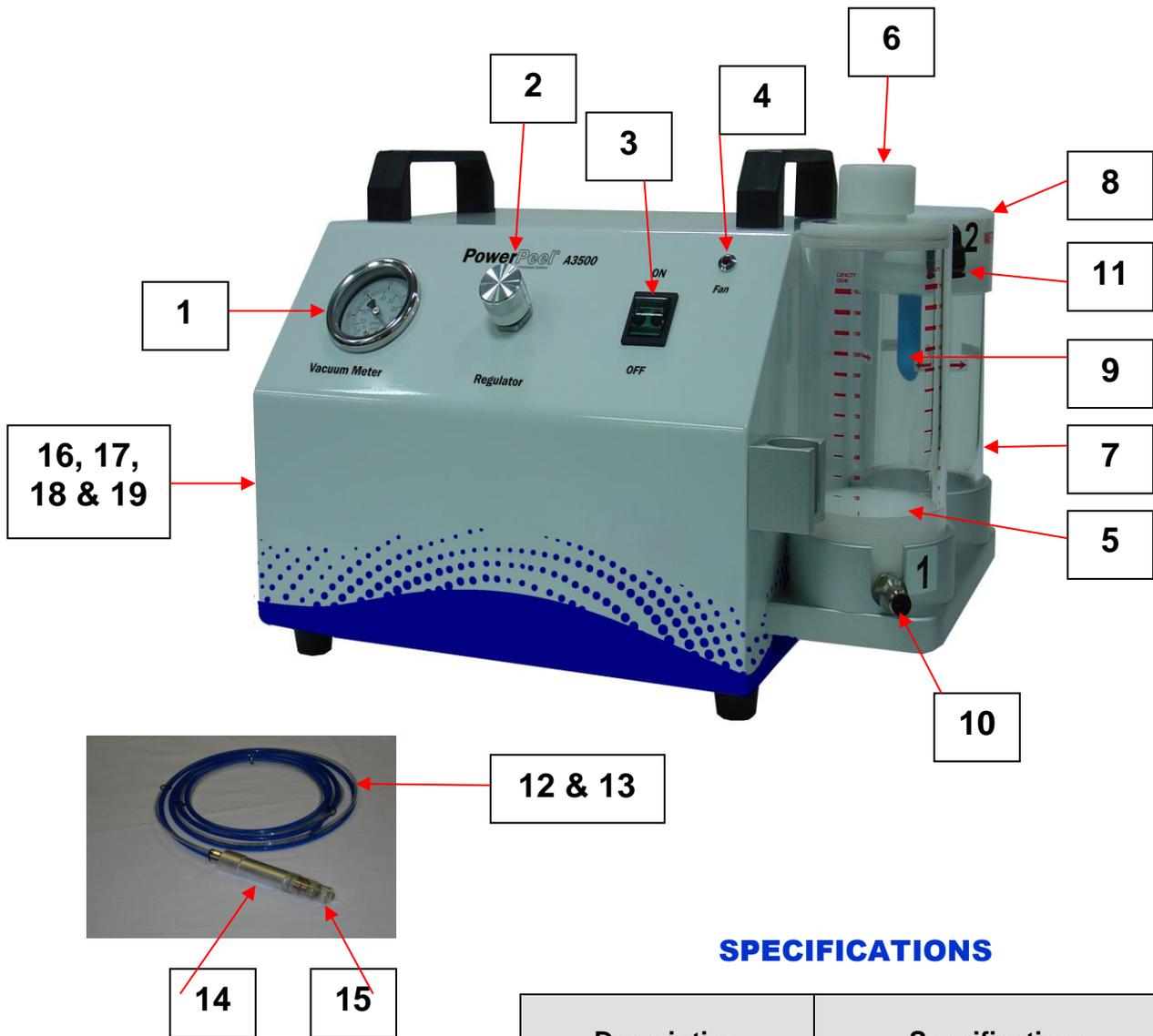
- Coumadin & Accutane
- Herpes Simplex Virus (cold sore outbreak)
- Flat Warts
- Uncontrolled Diabetes
- HIV & TB
- Rosacea (advanced stage)
- Skin Cancer
- Eczema/Psoriasis
- Areas of Telangiectasias
- Pregnancy/Nursing

**Note:** Various other conditions that limit the production of collagen, inhibit proper healing, or increase the risk of the spread of infection should be avoided. It would be impossible to list every instance in which the treatment contraindicates, but a thorough medical history is recommended, along with a consent form clearly outlining the contraindications. Refer any clients with skin conditions that may require medical treatment to a physician.

**It is recommended that no products containing acid be used 72 hours before and after a microdermabrasion treatment. Renova and Retin-A need to stop 7 days prior to the treatment and not be resumed for 7 days after the treatment.**

Client has had the following procedures	Recommended allotted time to wait to perform a PowerPeel treatment
Collagen Injection	At least 14 days.
Botox Injection	7 to 14 days
Laser Resurfacing	Approximately eight weeks or until the client is completely healed with no sign of erythema.
Chemical Peel	Until the client is completely healed with no sign of erythema.
Accutane Therapy	Client should consult with their physician. A minimum of six months is recommended.
Client is planning on having the following	Recommended allotted time to wait
Collagen or Botox Injection	No need to wait AFTER having the PowerPeel.
Laser Resurfacing	7 to 10 days AFTER the PowerPeel to enhance the effect of the laser. Notify physician that a PowerPeel microdermabrasion treatment has been performed.
Chemical or Acid Peel	7 to 10 days AFTER the PowerPeel. Notify the physician or esthetician.
Glycolic or TCA Peels	PowerPeel and other superficial peels can be used alternately, but must be spaced at least a week apart.
Accutane Therapy	Consult the physician.

# A3500 PowerPeel® Microdermabrasion System



## SPECIFICATIONS

Description	Specifications
Supply Voltage	110 Volt/220
Frequency	60/50 HZ
Fuses	1 x 5 AMP
Vacuum Pressure	20 to 60 cmHg
Positive Air Pressure	1 BAR
Dimensions	39 x 31 x 26 cm
Weight	37 lbs./17 kg

## Parts Description

1)	<b>Vacuum Meter</b>	Indicates the vacuum setting for the vacuum flow (suction).
2)	<b>Regulator Knob</b>	Regulates the vacuum setting for the vacuum flow (suction).
3)	<b>On/Off Switch</b>	Turn on after turning on fan switch in rear of machine.
4)	<b>Fan Light</b>	Light indicating fan is on.
5)	<b>Clean Crystal Container</b>	Houses the clean crystals.
6)	<b>Clean Container Cap</b>	Clean container cap is easily removed by lifting up on the cap to add crystal to the container. Place cap back onto container and push down to secure seal.
7)	<b>Waste Crystal Container</b>	Houses the used (waste) crystals.
8)	<b>Waste Container Lid</b>	Waste container lid is easily removed by lifting up on the cap to dispose of used crystals. Place lid back onto the container and push down to secure seal.
9)	<b>Waste Filter (blue)</b>	Prevents crystals from entering the vacuum pump. Waste filter is located in the waste container.
10)	<b>Fitting for Crystal Delivery Tube</b>	Fitting where crystal delivery tube is connected.
11)	<b>Elbow for Crystal Recovery Tube</b>	Elbow where crystal recovery tube is connected.
12)	<b>Crystal Delivery Tube (small)</b>	One end of the tubing connects to the fitting (10) and the other end connects to the handpiece.
13)	<b>Crystal Recovery Tube (large)</b>	One end of the tubing connects to the elbow (11) and the other end connects to the handpiece.
14)	<b>Handpiece</b>	Applicator that delivers and vacuums crystals across the surface of the skin.
15)	<b>Disposable Plastic Tip</b>	A plastic tip that is placed at the end of the handpiece to direct crystal flow.
16)	<b>Fan Switch</b>	Located in left rear corner of system. Turn the switch to the "on" position when starting the microdermabrasion system. This acts as a cooling system for the machine. (not visible in photo).
17)	<b>Power Cord Plug</b>	Located in left rear corner of system. Plugs into 120 Volt wall outlet (not visible in photo).
18)	<b>Fuse Housing</b>	Located in center rear of system. Contains two 5 AMP fuses (not visible in photo).
19)	<b>Serial Number Plate</b>	Manufacturer's identifying serial number located in center rear of cabinet (not visible in photo).

To order the above parts, call UBS Aesthetics at 1-800-925-5022.

## SAFETY PRECAUTIONS

The PowerPeel microdermabrasion system is designed with safety in mind. The closed-loop system prevents cross-contamination between the clean crystal container and the waste container. There are very few known side effects to the client. The treatment is designed to be superficial. Your stopping point should always be the appearance of erythema. The PowerPeel is extremely safe when used by a licensed skin care specialist. There are a few important factors to remember:

1. Eye protection for the client is essential.
2. Always have clients remove their contact lenses before the treatment.
3. Avoid treating the areas closest to the eye, including the lids.
4. Use eye protection shields, wet gauze, cotton balls or sun goggles to cover the eyes completely during and after the procedure when removing the crystals from the skin.
5. Crystal in the eye can be uncomfortable and may scratch the cornea if rubbed.
6. A particulate mask is recommended while performing the PowerPeel procedure and when emptying and refilling the crystal containers.
7. Wear latex or vinyl gloves while performing the procedure as well as during cleanup. Be sure to ask your client if they have an allergy to latex. In this case, use vinyl gloves.
8. Always remove and discard the plastic tip after each client. Replace with a new tip. The tip is designed to be disposable. The tip will melt at the temperature necessary to sterilize the material accurately resulting in a slightly altered shape. This can cause an inadequate seal on the handpiece or a change in aperture size. If a client is having a series followed by maintenance peels, use the same tip (save in a clean, dry bag) for a maximum of 15 peels. Tips can be cleaned using Barbicide. **Tip must be clean and dry before placing it in a bag.**
9. Discard and replace tubing that becomes contaminated or worn. It is recommended to change tubing at least once per year.
10. Dispose of used crystal by emptying into a sealed container and discarding with your regular trash. **NEVER RE-USE THE CRYSTALS.**

## **SAFETY PRECAUTIONS - continued**

11. Contaminated articles such as linen, cosmetic brushes, spatulas and other instruments used on the skin should be disposed of according to your facility's policy.
12. If necessary, clean the clean crystal container with a soft, dry brush. Never wash the containers with any chemical agents as the use of alcohol or other chemicals could breakdown the plastic. The container must remain perfectly dry.
13. The metal handpiece is designed to last for thousands of cases. **Sterilization is necessary after any procedure that has resulted in exposure to blood or other body fluids.** To sterilize the handpiece, remove the metal fittings, o-rings and the plastic tip. Place the handpiece in an autoclave. For this reason, we recommend that you purchase a second handpiece if you wish to continue treatments while the other handpiece is in the sterilization process.

In every instance, our goal is to ensure a safe and effective treatment for both you and your client.

## **SYSTEM INSTALLATION PROCEDURE**

1. Remove the system from the box by lifting the top handles.

**For future shipping use, please retain the A3500 system box to ship the system to corporate for service purposes.**

2. Place the system on a sturdy tabletop or counter.
3. Remove accessories, i.e. funnel, manual and power cord. Note: The handpiece and tubing may be connected to the system.

**Note: The crystals, plastic tips, brochures, etc. may have been shipped in a separate box from the machine.**

4. If the handpiece and tubing are not connected to the system, connect the tubing to the clean and waste containers as follows:

**Waste Container:** Connect the large tube into the large opening at the bottom of the handpiece and the other end into the large black elbow (see Part 11) at the side (top) of the waste container.

**Clean Container:** Connect the smaller tube into the small fitting (small opening) at the bottom of the handpiece and the other end into the long silver fitting (see Part 10) that protrudes from the clean container.

5. Choose the disposable plastic tip (M, L) which best suits the treatment to be performed, e.g. medium or large tip for face, large tip for chest/back. Place the plastic tip on the top of the handpiece using a twisting motion while applying downward pressure until the pin on the handpiece fits into the groove on the plastic tip.

**Note: Due to fluctuation in temperature and thickness of the tip, it may not be necessary to add an o-ring to the bottom groove of the handpiece.**

## **SYSTEM INSTALLATION PROCEDURE – continued**

6. Remove the cap from the top of the clean container (the one without the filter). Using the funnel, fill the clean container with crystals to the Full Line. To ensure adequate pressure, crystal volume must always be above the 450gm mark on the clean container. Replace the cap and push down to secure seal.
7. Place lid onto waste container and push down to secure seal.
8. Connect power cord to unit and then to the wall outlet (120 volt).
9. Turn on fan switch located in the back left side of the system.
10. Turn on system switch on front panel.

**Your PowerPeel A3500 Microdermabrasion System is now ready for use.**

## TREATMENT PROCEDURES

To ensure that the PowerPeel A3500 microdermabrasion system operates efficiently, it is imperative that the relative humidity in the room remain lower than 60%. Therefore, **steamers, misters, hot towel machines and other possible sources of moisture should be located as far away from the PowerPeel A3500 microdermabrasion system as possible.**

**DO NOT** turn on your PowerPeel A3500 microdermabrasion system until the installation procedure on the previous page is successfully completed and you have reviewed the A3500 Photo and Parts Description. UBS Aesthetics strongly recommends that all operators read the instructions provided below.

1. We advise that the operator wear eye protection, particulate mask and gloves while performing all PowerPeel microdermabrasion procedures.
2. To perform a microdermabrasion treatment, the skin must be clean and dry. Prepare the skin by using a gentle cleanser. It is critical to remove any make-up or any other product that may be on the skin. After the skin has been cleaned, use **Oasis Skin Solutions Microderm Prep Solution** to remove any remaining residue or moisture on the skin.
3. Turn on fan switch located on the back left side of the system. Allow for a proper airflow around unit, i.e. do not position unit with back against a wall.
4. Turn on system switch on front panel.
5. Select the proper vacuum setting for the treatment. For the first treatment, set the vacuum control to 20cm Hg (black numbers on vacuum meter). This is the recommended setting for two passes in the same treatment. To verify the setting of 20cm Hg, place your finger over the end of the handpiece tip and turn the regulator knob clockwise until the vacuum meter needle is at 20cm Hg. Turn regulator knob clockwise to increase vacuum pressure and counter-clockwise to decrease vacuum pressure. See vacuum pressure setting guideline on Page 13.

## **TREATMENT PROCEDURES - continued**

**Note: The rate of exfoliation directly relates to the rate at which the handpiece is moved across the skin or stroke speed and the vacuum pressure setting. Be careful not to press down too firmly on the skin for fear of drawing blood.**

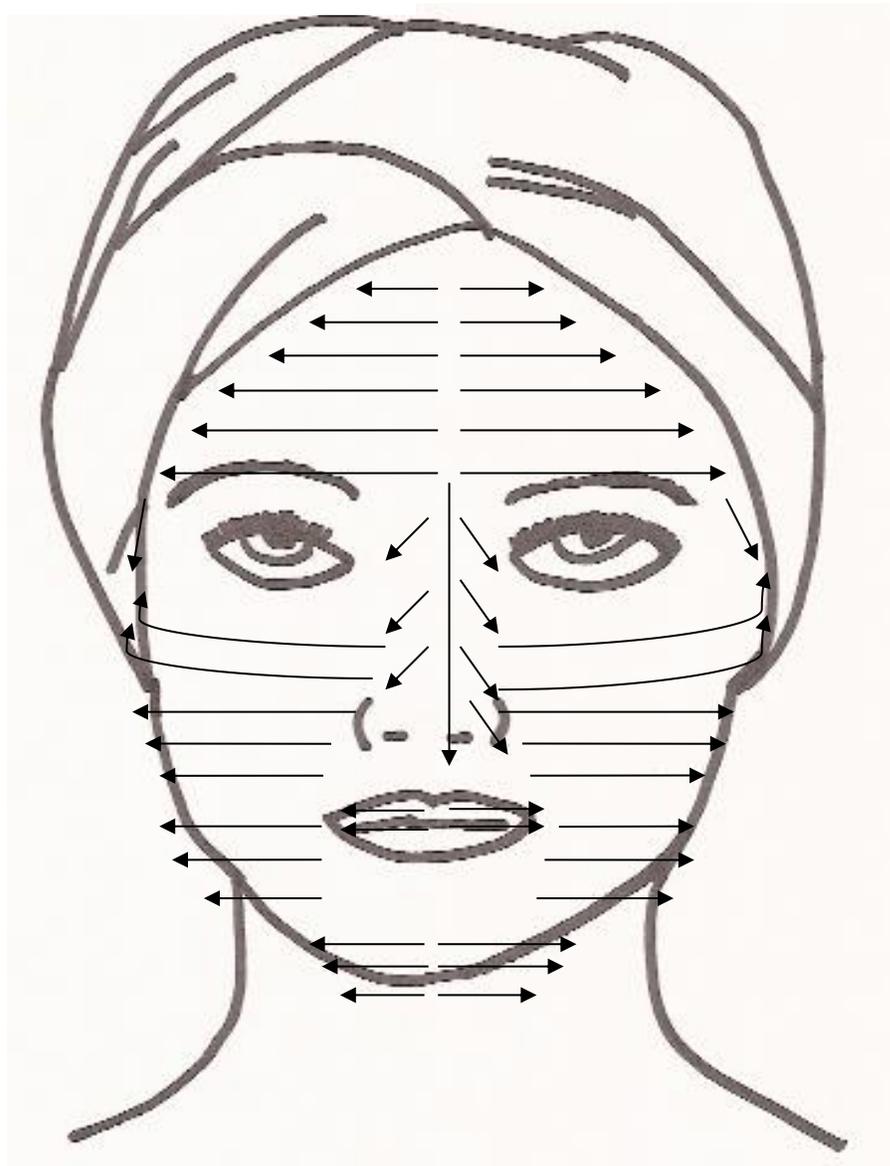
PowerPeel offers the following vacuum pressure settings as a guideline only. The pressure setting you select will depend on the client's skin type and skin condition.

- 00 – 20** This is a low power setting and is selected for areas of sensitive skin, such as around the eyes (avoiding the lids), the neck, areas of rosacea, couperose, broken capillaries, etc.
  - 20 – 30** This is a low to medium power setting. It is ideal for a client's first treatment and for regular treatments on slightly sensitive skin or for estheticians/physicians with a slower stroke technique.
  - 30 – 40** A medium power setting used for most routine treatments.
  - 40 – 50+** A medium to high power setting used for thicker skin, hyperpigmentation and scarred areas. The client will feel the abrasion. Move the handpiece in quick short strokes to avoid discomfort.
6. Begin the treatment on the forehead. Placing the tip opening securely on the skin, a successful system vacuum will be established and the crystals in the clean container will begin to agitate. The operator should use the thumb and forefinger of the free hand to hold the skin taut. This will improve contact between the handpiece tip and the skin, creating a more effective vacuum.

## TREATMENT PROCEDURES - continued

7. Gently move handpiece horizontally in 2 to 3 inch strokes. Strokes should slightly overlap. In order to ensure a uniform exfoliation, cover the treatment area completely using horizontal strokes. Continue moving the handpiece down the nose, around the eye, cheekbone, upper lip and chin. When the crystals have covered the treated area in one direction, this is referred to as a “pass”, see Illustration 1. Clear crystals from the skin using a soft brush, dry sponge or gauze.

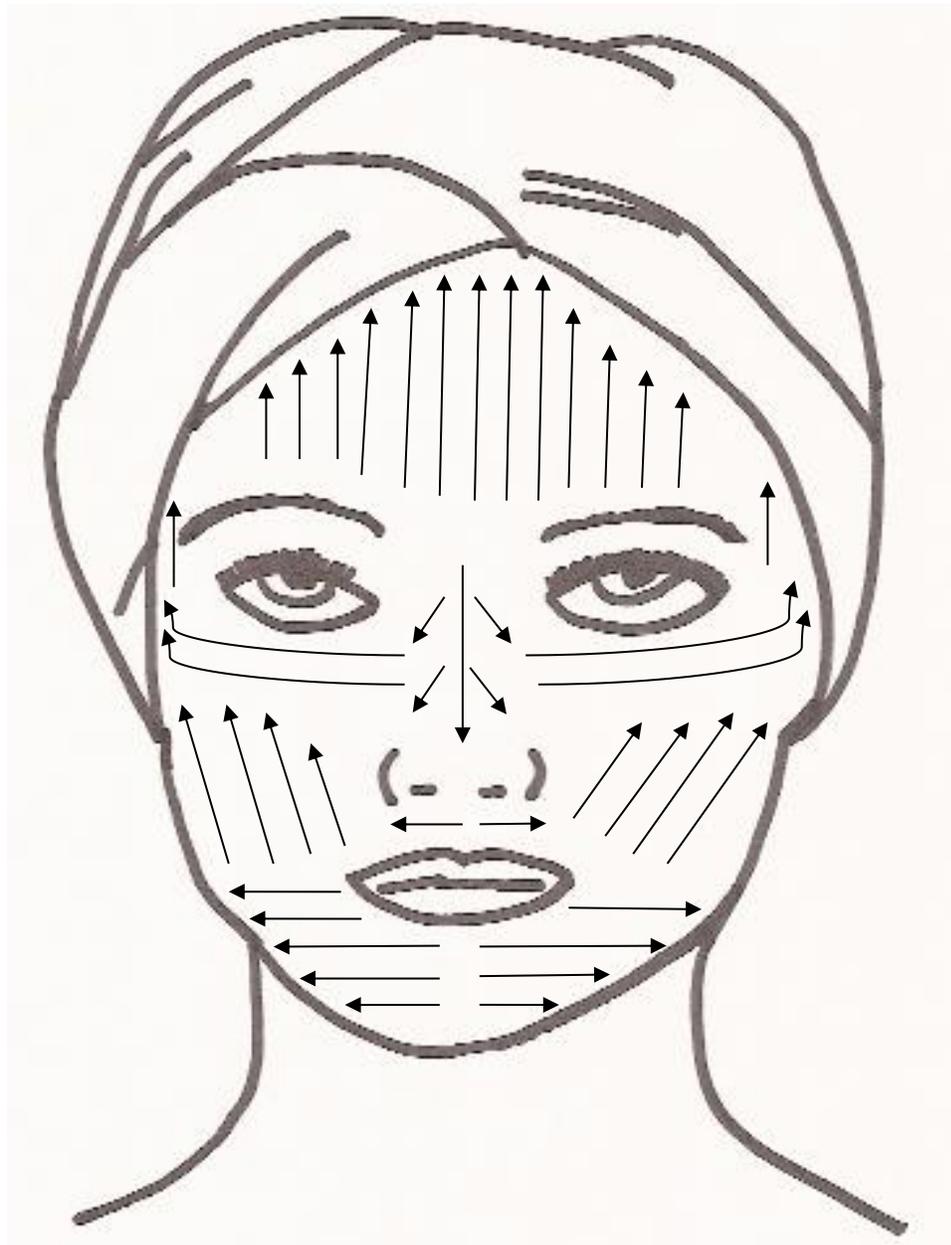
**Illustration 1- First Pass**



## TREATMENT PROCEDURES - continued

8. It is recommended to use two passes with the handpiece. Treat the same area again using vertical strokes at the same vacuum setting, see Illustration 2. After treatment is completed, brush away crystals and follow-up with a damp sponge to ensure removal of all crystals. Apply moisturizer and sunblock.

**Illustration 2 - Second Pass**



## **After treatment:**

1. Clean your waste filter after each client to ensure proper operation of your PowerPeel Microdermabrasion System. The waste filter is cleaned by holding your finger over the handpiece tip hole, adjusting the vacuum setting to 50cm Hg and quickly decreasing the vacuum setting to zero.
2. Turn off system switch on front panel. Allow fan to run an additional 5-10 min. for cooldown. After unit is cool, turn off fan switch in the rear of the unit.
3. Discard the plastic tip after each client unless the client is having a series followed by maintenance peels. If a client is having a series followed by maintenance peels, the same tip can be used and saved in a clean, dry bag for a maximum of 15 peels. Note: If using the same tip for the same client, it must be cleaned and dried before placing it in the bag. Tips can be cleaned using Barbicide.
4. Empty waste container.

## **NEVER RECYCLE USED CRYSTALS!**

The crystals you have just used are contaminated with the dirt, oil and dead skin cells of the client you have just treated and have also been altered by use. They will not exfoliate properly a second time and must be discarded. If used crystals are placed back into the clean container, this compromises the hygienic integrity of the system. **Coverage under your warranty will not be valid for any damage to the machine due to re-use of crystals.**

The crystals provided for use with the PowerPeel Microdermabrasion System are the only crystals approved by UBS Aesthetics for use with our equipment. The crystals are manufactured to our specifications for safety and effectiveness. The use of any other product with your PowerPeel microdermabrasion system may damage your unit. PowerPeel is not liable for any damage that may occur with the use of other crystals or abrasives.

**Coverage under your warranty will not be valid for any damage to the machine due to the use of other crystals or abrasives.**

## **CRYSTAL FREE WAND with Diamond Tip**

(Optional accessory available from UBS Aesthetics)

### **Set-up Procedure:**

1. Insert the free end of the tube (opposite end of wand) into the elbow on the waste container (the container that has the filter).
2. Tug on the blue tube to ensure it is locked into the elbow.
3. Thoroughly cleanse area of skin to be treated.
4. Turn on fan switch located on the back left side of the system.
5. Turn on system switch on front panel.
6. Perform a test on the underside of the client's arm to regulate pressure (see Page 13). Turn regulator knob to appropriate level for area to be treated.
7. Two passes are recommended for a treatment. The first pass is normally vertical and the second pass is horizontal. Keep skin taut and wand at a 90 degree angle against the skin.
8. After treatment, rinse face, cleanse and apply calming mask or cool compress mask. Apply moisturizer and sun block.
9. Empty waste container.

## CARE AND CLEANING PROCEDURE

### Crystal Free Wand (with Diamond Tip)

The wand is a reusable device and is considered a semi-critical device. **These devices are designed and labeled for multiple uses and are reprocessed by thorough cleaning and high-level disinfection or sterilization between patients. They are made of materials that can withstand repeated reprocessing, including manual brushing and the use of chemicals.**

Immediately after each use, the wand should be cleaned by soaking in enzymatic detergent for 15 minutes. The wand should then be washed in hot running water and the abrasive surface scrubbed with a brush to remove protein material.

The wand then can be placed in a disinfecting solution. Read the label on the solution for the proper soak time.

**Caution: Never exceed the recommended soak time (per the disinfectant labeling) in disinfectant solution. Soaking beyond the recommended times will damage and corrode the wands.**

### Steam Sterilization:

The wand can withstand steam sterilization. Steam sterilization should always be used if the surface of the skin is penetrated

<sup>1</sup>FDA, U.S. Food and Drug Administration, "Protecting and Promoting Your Health", (6/30/2014), <http://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/ReprocessingofReusableMedicalDevices/ucm252909.htm>

## HOW TO MAINTAIN YOUR SYSTEM

ITEM	DESCRIPTION
<b>Crystals</b>	<ul style="list-style-type: none"> <li>▪ Do not leave crystals in the <b>waste &amp; clean containers</b> overnight.</li> <li>▪ Store crystals in original sealed container in a cool, dry place.</li> <li>▪ Leave the silica gel packet in the plastic crystal tub.</li> <li>▪ Dispose of waste crystals after each use. <b>NEVER RE-USE CRYSTALS</b></li> </ul>
<b>Containers</b>	<ul style="list-style-type: none"> <li>▪ Clean waste &amp; clean containers thoroughly with a soft brush or soft cloth at the end of each day.</li> <li>▪ Use a DIFFERENT brush or cloth to clean the waste &amp; clean containers. Using the same brush for both containers will contaminate the clean container. Do not use any liquid to clean the containers. <b>Never use alcohol or liquid cleaners. This can cause damage to the containers, the machine or both.</b></li> </ul>
<b>Waste Filter</b>	<ul style="list-style-type: none"> <li>▪ Clean waste filter after each treatment. To clean the waste filter, hold your finger over the tip aperture and turn the vacuum pressure to 50cm Hg. While holding your finger over the tip aperture, rapidly turn the regulator knob to zero. Or use a toothbrush to brush debris off of the filter.</li> <li>▪ <b>Replace filter every 3-6 months depending on usage.</b></li> </ul>
<b>Tubing Kit</b>	<ul style="list-style-type: none"> <li>▪ Tubing kit is made of polyurethane. UBS Aesthetics recommends <b>replacing tubing once a year</b> or when tubing starts showing the first signs of wear by discoloring.</li> <li>▪ Not replacing the tubing can cause a loss in vacuum pressure.</li> <li>▪ Replace tubing <b>immediately</b> in the event of drawn blood during a procedure or if it becomes contaminated in any other way.</li> </ul>
<b>Handpiece, Fittings (S/L) &amp; O-Rings</b>	<ul style="list-style-type: none"> <li>▪ To maintain the handpiece, <b>change fittings (small &amp; large) every six months.</b> Not changing fittings, can result in fittings breaking off in the handpiece due to use and threads wearing away on fittings.</li> <li>▪ Replace o-rings once per year.</li> </ul>
<b>Crystal Free Wand</b>	<ul style="list-style-type: none"> <li>▪ Crystal free wand with diamond tip (see care and cleaning procedure, Page 18)</li> </ul>
<b>Disposable Plastic Tips</b>	<ul style="list-style-type: none"> <li>▪ Keep the tips in their original packaging, clean and dry.</li> <li>▪ Tips are pre-sterilized and individually sealed. Once the seal is broken, they are no longer sterile.</li> <li>▪ <b>Discard after one use.</b> If a client is having a series followed by maintenance peels, the same tip can be used (saved in a clean, dry bag) for a maximum of 15 peels.</li> <li>▪ Tips can be cleaned using Barbicide.</li> </ul>
<b>Vacuum Regulator Knob</b>	<ul style="list-style-type: none"> <li>▪ A few turns may be required before the meter needle begins to rise from zero. Turn clockwise to increase pressure.</li> <li>▪ Maximum pressure reached well before the knob reaches its leftmost physical stop. <b>Do not turn the vacuum knob to this stop or it may lock at full vacuum pressure requiring maintenance to free it.</b></li> </ul>

## **TROUBLESHOOTING**

### **System does not turn on:**

- Check the connection of the power cord to the system and wall outlet
- No power coming from the wall receptacle. Voltage on the wall outlet has to be 120V.
- Blown fuse. Check facility circuit breaker.

### **Low vacuum pressure:**

- Waste container has not been emptied. Empty crystals from waste container.
- Clean container cap is not secure.
- Tubing is old, bent or crimped. Replace with new tubing kit.
- Moisture on the skin. Skin must be dry. Use the Oasis Microderm Prep Solution to remove any remaining residue or moisture on the skin to prepare the skin for the microdermabrasion treatment.
- Plastic tip is old or cracked. Replace with new plastic tip.
- Handpiece fittings are reversed. The large fitting should be on the same side as the metal pin holding the plastic tip.
- Tubing is loose in the fittings. Ensure both tubes (small/large) are securely inserted into the small/large fitting.
- Pink o-ring should be in first groove on handpiece. It might be necessary to have a second o-ring in the second groove on the handpiece.
- Filter needs to be replaced. The filter should be replaced every 6 months depending on the usage.

### **Crystals do not flow:**

- The clean container does not have the proper amount of crystals in it. Check level of crystals in clean container. Crystals should not be lower than the 450g line (marked on the clean container).

## Crystals do not flow: - continued

- There may be crystal build-up in the handpiece. This can be verified by removing the smaller tube from the handpiece. Turn handpiece upside down over a waste receptacle. If crystals discharge, clog is in the handpiece.

Remove the plastic tip from the end of the handpiece. Insert an open paperclip or needle into the small hole in the metal tip of the handpiece to unclog it. Also insert open paperclip into the opposite end of the small chamber of the handpiece to clear the clog. Gently tap bottom of handpiece in the palm of your hand to dispense any loosened crystals. Hold handpiece up to a light and peer through each chamber to ensure the clog is cleared. Place tubing back in the handpiece and ensure both tubes are secure in the fittings.

- There may be balls of crystals in the clean container. Turn system off and remove clean crystal container. Slowly empty clean crystals back into the original tub looking for small balls of crystal. If they exist, this indicates moisture is in the clean container. Check the relative humidity level in the room (should be below 60%). **Steamers, misters, hot towel machines and other possible sources of moisture should be located as far away from the PowerPeel unit as possible.**

Remove small tube from silver fitting on side of clean container. Insert an open paperclip into the fitting to remove any balls of crystal.

If no small balls of crystals are found, unscrew the gold cone at the bottom of the canister to empty any residual crystal. Tightly reattach gold cone onto the bottom of the clean canister.

### **Poor crystal flow: *Air is escaping from the container.***

- Check if crystals are flowing through the small tubing. Remove tubing from handpiece by pushing bottom rim of fitting towards handpiece while pulling tubing out of handpiece. Take the small tube and insert it in the large tube. Turn the system on. If crystals do not flow through the small tube, there is an air leak in the container.

**If crystals flow through the clear tube, there may be a problem with the handpiece.**

### **Poor crystal flow: – continued**

- There may be crystal build-up in the handpiece. This can be verified by removing the clear tube from the handpiece. Turn handpiece upside down over a waste receptacle. If crystals discharge, clog is in the handpiece.

Remove the plastic tip from the end of the handpiece. Insert an open paperclip or needle into the small hole in the metal tip of the handpiece to unclog it. Also insert open paperclip into the opposite end of the small chamber of the handpiece to clear the clog. Gently tap bottom of handpiece in the palm of your hand to dispense any loosened crystals. Hold handpiece up to a light and peer through each chamber to ensure the clog is cleared. Place tubing back in the handpiece and ensure both tubes are secure in the fittings.

- Tubing or filter may be loose. Tug on the tubing in the handpiece and clean/waste containers to ensure tight fit. Ensure filter is secure.
- Moisture in treatment room. Humidity level should be below 60%.
- Crystals were left in the clean container overnight. Empty clean/waste container after last treatment and check for any balls of crystal.
- Moisture on the skin. The client's skin should be completely dry before starting the treatment. To ensure that the skin is dry, use Oasis Microderm Prep Solution and allow product to dry completely prior to treatment.

### **Too many crystals dispensing from the handpiece:**

- The handpiece fittings are reversed. The large fitting should be screwed in the hole on the same side as the metal pin holding the plastic tip.

### **Broken Fitting:**

- Handpiece was dropped or fitting is worn (threads are worn) and the end of the fitting is stuck in the handpiece. To remove the broken fitting, use needle nose pliers or strong tweezers to unscrew the fitting. **Be careful not to damage threads inside handpiece.**

### **The end of the handpiece is loose:**

- Handpiece dropped or damaged. Tighten the screw located at the center of the handpiece (where the crystals are released) with a Phillips head screw driver.

# POWERPEEL REPLACEMENT PARTS & ILLUSTRATIONS

## A3500 Microdermabrasion System



**5lb. Microcrystals**



**2lb. Microcrystals**



**Maintenance Kit1  
(Model #1000, 1500 &  
4000)**



**Maintenance Kit2  
(Model #A3500)**



**Plastic Tips  
(M, L)**



**Tubing Set**



**Pleated Filter  
(Model #1000, 1500 &  
4000)**



**Blue Filter  
(Model #A3500)**



**Handpiece**



**Crystal Free  
Handpiece  
(Diamond Tip)**

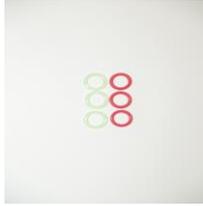


**Fittings  
(S, L)**



**Elbows  
(S, L)**

## REPLACEMENT PARTS & ILLUSTRATIONS - continued



**O-Rings**



**Stopper**



**Oasis Prepping  
Formula**



**PowerPeel  
Poster**



**PowerPeel  
Brochure**

To place an order, call (800) 925-5022.

## WARRANTY

The A3500 PowerPeel microdermabrasion has a one-year warranty. This warranty is from the manufacturer against manufacturing defects. In the event of a mechanical failure, the customer should call the Customer Service Department at (800) 925-5022 for further instructions.

In many instances, system problems can be solved over the telephone. We recommend that the customer call from a phone within reach of the machine to follow some simple instructions from technical support and to answer a few questions about the failure. If we determine that the machine requires service, we will ask you to return it in its original shipping box. All warranted repairs are completed and the unit returned at no charge for parts or labor.

This warranty does **NOT** cover:

1. Any damage caused by acts of nature, incompatible power source, negligence, improper operation of the equipment, damage in transit, damage caused by customer's failure to replace worn external parts and damage caused by any attempt to alter equipment or make repairs not authorized by UBS Aesthetics.
2. Damage caused by the use of non-PowerPeel crystals or other abrasives.
3. Routine maintenance items such as filters, tubing, tips, stoppers and fittings.

UBS Aesthetics shall perform repairs necessary for proper mechanical operation of the unit during the warranty period under the following terms:

1. Personnel expressly authorized by UBS Aesthetics must perform the technical repairs.
2. The electrical power outlet to which the unit is connected must match the power requirement displayed on the same unit endplate, which houses the power "on/off" switch.

## WARRANTY - continued

3. The unit must be used only in the manner herein described:
  - a. The unit must only be operated using system-required disposable items purchased directly from UBS Aesthetics.
  - b. UBS Aesthetics provides PowerPeel crystals which are the only crystals approved for use with the PowerPeel microdermabrasion system. UBS Aesthetics crystals are high quality aluminum oxide crystals manufactured to our specifications as to composition and size. Our crystals are tested for safety and effectiveness and may be used with other microdermabrasion systems. The use of any other product with your PowerPeel microdermabrasion system may damage your unit. UBS Aesthetics is not liable for any damage that may occur from the use of other crystals or abrasives.
  - c. The Buyer/Operator shall retain the original shipping box and shall return the unit to UBS Aesthetics for repair if directed to do so by our service personnel. **At no time**, can the system return to UBS Aesthetics without prior authorization and shipping instructions.
4. Clinical results may vary and are not guaranteed. UBS Aesthetics is not responsible for the failure to achieve results or damage resulting from operator's misuse of the machine.

Failure to comply with the above listed terms could result in damage to the unit and will not be covered by the warranty.



# Patient Medical History Form

## CLIENT CONTACT INFORMATION Esthetician:

**Name:** \_\_\_\_\_ **DOB:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State & Zip:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Occupation:** \_\_\_\_\_ **Email:** \_\_\_\_\_

The following profile must be completed for all clients participating in a PowerPeel® Microdermabrasion treatment. This form has been created for us to obtain adequate information about your past medical history, in order for the esthetician to evaluate the condition of your skin. All information is kept confidential.

Briefly describe your cosmetic concerns and what results you would like to achieve:

What made you consider PowerPeel Microdermabrasion and how did you hear about us?

## CLIENT HISTORY

1. Are you currently or within the last year under a physician's care?  Yes  No
2. Have you undergone any surgery in the last nine months?  Yes  No

If Yes, please specify: \_\_\_\_\_

3. Have you had any of these health problems in the past or present?
 

<input type="checkbox"/> Cancer	<input type="checkbox"/> Heart problems	<input type="checkbox"/> Tuberculosis	<input type="checkbox"/> Rosacea	<input type="checkbox"/> Herpes, prone to cold sores
<input type="checkbox"/> Hepatitis	<input type="checkbox"/> Epilepsy	<input type="checkbox"/> Thyroid	<input type="checkbox"/> Liver disease	<input type="checkbox"/> HIV or other immune deficiency disorder
<input type="checkbox"/> Diabetes	<input type="checkbox"/> Hormone imbalance			
4. List any medication and vitamins that you take regularly: \_\_\_\_\_
5. Are you allergic to any medications?  Yes  No If yes, please specify: \_\_\_\_\_
6. Other allergies: \_\_\_\_\_
7. Do you smoke?  Yes  No      Do you exercise regularly?  Yes  No      Do you get regular sleep?  Yes  No
- Do you use Retin-A?  Yes  No      Do your wounds heal slowly?  Yes  No      Do you wear contact lenses?  Yes  No
- Have you used Accutane?  Yes  No      Have you ever had a chemical peel or microdermabrasion (circle)  Yes  No
8. Do you have any special skin problems on your face?  Yes  No If yes, please specify: \_\_\_\_\_
9. What types of skin care products are you currently using:
 

<input type="checkbox"/> Soap	<input type="checkbox"/> Cleanser	<input type="checkbox"/> Toner	<input type="checkbox"/> Moisturizer	<input type="checkbox"/> Masque	<input type="checkbox"/> Scrub/peel	<input type="checkbox"/> Other:
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10. Female: Are you taking oral contraception?  Yes  No      Are you pregnant?  Yes  No      Are you lactating?  Yes  No
11. Male:      Do you experience irritation from shaving?  Yes  No      Do you experience ingrown hair?  Yes  No

## SKIN CONDITIONS

1. Do you experience breakthrough oil shine during the day?  Yes  No
2. Do you experience breakthrough breakout regularly?  Yes  No

If so, where?: \_\_\_\_\_

3. Do you ever experience:  Flakiness       Tightness       Dryness
4. Do you use sunscreen?  Yes  No      Occasionally       Do you burn easily?  Yes  No
5. Does your skin have reddening tendencies?  Yes  No

I confirm that the answers I have given are correct and that I have not withheld any information that may be relevant to my treatment.

**Client's Signature:** \_\_\_\_\_



## Informed Consent PowerPeel® Microdermabrasion Treatment

This form is designed to give you the information you will need to make an informed choice as to whether or not to undergo a PowerPeel® microdermabrasion treatment. Although PowerPeel® is effective in most cases; no guarantee can be made that a specific individual will benefit from the treatment.

A PowerPeel® microdermabrasion treatment projects a flow of inert crystals over the skin and abrades epidermal tissues in the areas treated. Microdermabrasion is used for various skin conditions such as the treatment of acne, acne and chicken pox scarring, fine lines, sun damage and skin irregularities.

### What are the possible side effects and complications of a PowerPeel® treatment?

Individuals having a PowerPeel® microdermabrasion for one small scar can expect very minimal side effects and will require less pre and post peel care, while those having large areas treated are more likely to experience the following effects (Note: These side effects do not occur in all individuals):

**COMFORT LEVEL:** You may feel some discomfort during the treatment. The sensation feels similar to very fine sand rubbing against your skin. If the treatment is too uncomfortable, the power setting can be decreased. After the procedure, a slight “wind-burned” sensation may continue for 24-48 hours.

**PIGMENTED CHANGES:** The treated area may heal with increased pigmentation (hyperpigmentation). This occurs most often in darker pigmented skin following exposure to the sun. Some individuals may have a predisposition to this type of reaction, and may have noticed it with minor cuts, abrasions or acne lesions. Protecting treated areas from exposure to the sun for three months should minimize the risk, although some rare individuals may still hyperpigment. Hyperpigmentation spots usually fade away in 3-6 months and medication can be given to speed up this process. Though rare, sometimes the hyperpigmentation changes can be permanent. In other individuals, treated areas may rarely lose pigmentation and not tan normally. This type of reaction is rare with microdermabrasion and tends to fade away, but in rare instances could be permanent.

### Further Consideration for Consent

1. I acknowledge that no guarantee has been given to me as to the condition of the complexion, skin pore size, wrinkle reduction or the amount or percentage of improvement expected following the treatment.
2. I acknowledge that for many conditions, more than one PowerPeel® microdermabrasion treatment may be required in certain areas to achieve the desired result.
3. I acknowledge that no guarantee or assurance has been made by anyone regarding the procedure that I herein request and authorize.
4. If I know or suspect that I may be pregnant, I will inform the operator prior to treatment.

### CONSENT:

By signing below, I acknowledge that I have read the foregoing informed consent regarding the PowerPeel® microdermabrasion treatment; and I have been adequately informed regarding the associated risks. I hereby give consent for the PowerPeel® microdermabrasion procedure to be performed by:

\_\_\_\_\_  
Print Name, Skin Care Professional

\_\_\_\_\_  
Signature, Skin Care Professional

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name, Client

\_\_\_\_\_  
Signature, Client

\_\_\_\_\_  
Date

### If client is under the age of 18, a parent or guardian signature is required:

\_\_\_\_\_  
Print Name, Parent or Guardian

\_\_\_\_\_  
Signature, Parent or Guardian

\_\_\_\_\_  
Date



**Exclusive National Distributor of the  
PowerPeel® Microdermabrasion System**

**2436 Emrick Boulevard  
Bethlehem, PA 18020  
Toll Free: 1-800-925-5022  
Fax: 610-317-1672**

**Website: [www.ubsaesthetics.com](http://www.ubsaesthetics.com)  
Email: [info@ubsaesthetics.com](mailto:info@ubsaesthetics.com)**