



Power Peel[®]

Microdermabrasion System



A3500

OPERATOR MANUAL

UBS Aesthetics
Exclusive National Distributor of
PowerPeel[®] Microdermabrasion System

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MEDICAL HISTORY, CONSENT FORMS & ORDER FORMS

1.1 HISTORY

The development of microdermabrasion was 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.

- Recommendation for a microdermabrasion treatment is every 7 to 10 days for a series of 6 to 12 sessions. Follow by a monthly maintenance treatment.
- It is the recommendation of UBS Aesthetics that all operators of the PowerPeel® Microdermabrasion System read this manual in its entirety and complete training by one of our representatives before attempting to perform treatments with this system.

1.2 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 are the total solution for the elite manufacturers and leading service providers in the day spa, medi-spa and medical aesthetic markets. We provide unsurpassed customer service and innovative leading technology to those markets. Our commitment, integrity and honesty is proof by our customer satisfaction and loyalty.

UBS Aesthetics also represents a variety of other products and equipment intended for use in the aesthetic industry. You may see our entire product offering by visiting our website at www.ubs aesthetics.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, marketing assistance and technical support. Our office hours are Monday through Friday, 8:30 AM – 5:00 PM EST.

1.3 SYSTEM DESCRIPTION

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

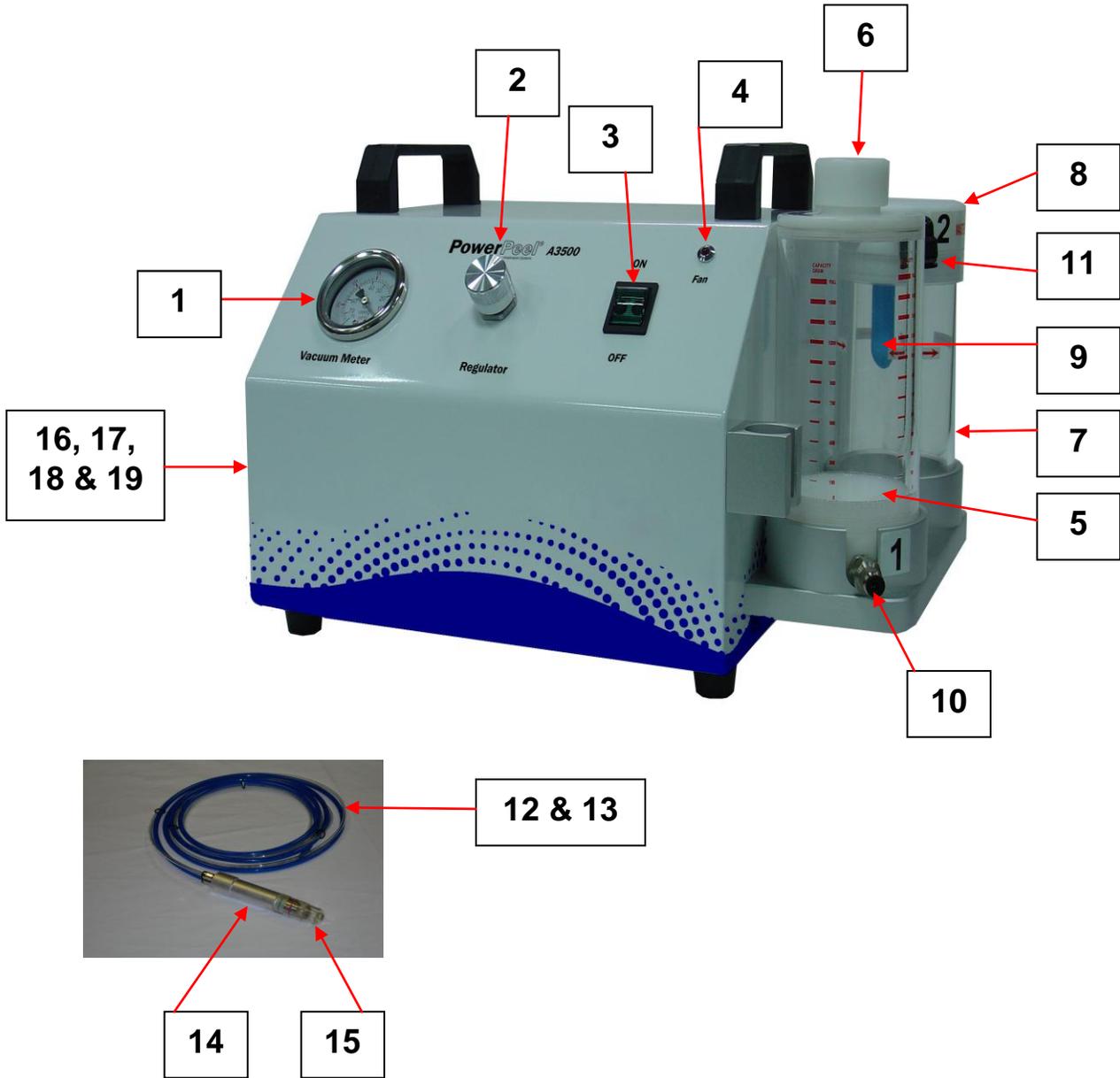
When the handpiece has full contact with the skin, the vacuum pressure is activated the system's crystal flow. By watching the crystals agitate in the clean container, is visible proof of the vacuum pressure. The airflow system begins at the compressors intake port, then passes through the clean crystal container and carries the crystals through the tubing to the handpiece. The specially 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. By adjusting the regulator knob, the speed of the crystal flow may be controlled.

1.4 PARTS DESCRIPTION

1)	Vacuum Meter	Indicates the power setting for the vacuum flow (suction).
2)	Regulator Knob	This regulates the power setting for the vacuum flow (suction).
3)	On/Off Switch	Located on the front of the A3500.
4)	Fan Light	Light indicating fan is on.
5)	Clean Crystal Container	Houses the clean crystals.
6)	Clean Container Cap	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)	Waste Crystal Container	Houses the used (waste) crystals.
8)	Waste Container Lid	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)	Waste Filter (blue)	Stops the crystals from getting into the vacuum pump. Waste filter is located in the waste container.
10)	Fitting for Crystal Delivery Tube	Fitting where Crystal Delivery Tube is connected.
11)	Elbow for Crystal Recovery Tube	Elbow where Crystal Recovery Tube is connected.
12)	Crystal Delivery Tube (small)	One end of the tubing connects to the fitting and the other end connects to the handpiece.
13)	Crystal Recovery Tube (large)	One end of the tubing connects to the elbow and the other end connects to the handpiece.
14)	Operator Handpiece	Applicator that vacuums crystals across the surface of the skin.
15)	Disposal Plastic Tip	A makrolon plastic tip that is placed at the end of the handpiece to direct crystal flow.
16)	Fan Switch	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)	Power Cord Plug	Located in left rear corner of system. Plugs into 120 Volt wall outlet (not visible in photo).
18)	Fuse Housing	Located in center rear of system. Contains two 5 AMP fuses (not visible in photo).
19)	Serial Number Plate	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.

1.5 PARTS DESCRIPTION – A3500 System



2.1 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

3.1 SYSTEM INSTALLATION PROCEDURE

For future shipping use, please retain the A3500 system box. To ship the system back to corporate for service purposes, please ship the A3500 system back using the provided box.

1. Remove the system from the box by lifting the black handles. Remove the plastic covering from the A3500. Store the box for use in shipping equipment for service reasons.
2. Place the system on a sturdy tabletop or counter.
3. Unpack the plastic tips with plastic tubing connected, crystals, power cord and manual.
4. 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 elbow (black metal piece, see Fig. 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 fitting (gold metal piece, see Fig. 10) that protrudes from the clean container

5. Place a disposable plastic tip on the top of the handpiece (where there are 2 o-rings) using a twisting motion while applying forward pressure until the pin on the handpiece fits into the groove on the plastic tip.
6. Remove the cap from the top of the clean container. Fill the clean container with crystals to the fill line. Replace the cap and push down to secure seal.
7. Push the lid to the waste container down tight to ensure secured.
8. Connect power cord to unit and then to the wall outlet.

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

Please note: In the small box enclosed with your unit, there are extra Silica Gel Desiccant packets. There is a Silica Gel packet in the top part of the clean container cap. If this packet becomes moist, replace it with one of the extra packets.

4.1 OPERATIVE PROCEDURES

To ensure that our 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.

PROCEDURES:

DO NOT turn on your PowerPeel® A3500 Microdermabrasion System until the installation procedure on the previous page is successfully completed. Operate according to the instructions provided below. Before attempting to operate the PowerPeel® A3500 Microdermabrasion System, UBS Aesthetics strongly recommends that all operators read the instructions completely and successfully complete training by an approved UBS Aesthetics representative.

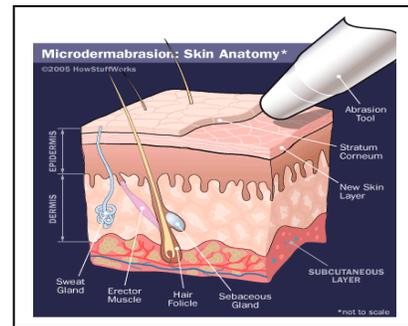
1. We advised that the operator wear eye protection, particulate mask and gloves while performing all PowerPeel® microdermabrasion procedures.
2. Turn on the power switch on the front the system.
3. For the first treatment, set the vacuum control to 20hg. This is the recommended setting for two passes in the same treatment. To verify the setting of 20hg, place your finger over the hole at the end of the handpiece tip and turning the regulator knob counter-clockwise until the vacuum meter needle is at 20hg. Place the open portion of the plastic tip completely over the skin. Place the tip securely properly placed on the skin, a successful system vacuum will be established and the crystals in the clean container will begin to agitate.
4. **IMMEDIATELY** begin moving the handpiece in 2 to 3 inch strokes over the area being treated. Use your other hand to keep the skin taut while the handpiece is gliding over the skin. The system will continue vacuuming crystals across the skin as long as the aperture of the handpiece remains in full contact with the skin and the crystals in the clean container continue to agitate.

A trail of crystals will appear on the portion of the treated skin; referred to as a "pass". We recommend removing the crystals between passes. To remove excess crystals off the skin, use a brush, dry sponge or gauze.
6. Before starting a second pass, remove any residual crystals from the first pass. Always check for the appropriate setting before starting a "pass".

5.1 TREATMENT PROCEDURES

Facial Fact:

Your skin has two main layers, the **epidermis** and the **dermis**. The epidermis is the layer closest to the outside world. The set of dead skin cells on top of another layer of cells are in the process of maturing. The topmost layer of the epidermis is the stratum corneum. The stratum corneum mostly acts as a barrier between the outside world and the lower skin layers. It keeps all but the smallest molecules from getting through.



To perform a microdermabrasion treatment, the skin has to be clean and dry. This will enhance the PowerPeel® treatments and overall clinical efficacy. Please follow the microdermabrasion treatment procedures below:

1. The recommendation is to use a gentle cleanser as the initial step to clean the skin. It is critical to remove any moisturizer, make-up or any other product that may be on the skin.
2. After cleansing the skin, treat the skin with **Oasis Skin Solutions Microderm Prep Solution**. This product will remove any remaining residue on the skin and prepare the skin for the treatment.
3. 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. To increase vacuum pressure, turn the regulator knob to the left.

Start the microdermabrasion treatment on the forehead. For the forehead, use either horizontal or vertical strokes spaced one to two inches apart. To treat the upper cheekbone area, including the area under the eye, move the handpiece from the nose to the ear. Move the handpiece in an upward motion from the jaw line to the cheekbone for the remainder of the cheek and jaw area.



5.1 TREATMENT PROCEDURES – Continued

4. PowerPeel® offers the following vacuum power settings as a guideline only. The power 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.

NOTE: Some clients with sensitive skin may find treatments uncomfortable. For clients with sensitive skin, it is recommended to use a lower power setting and perform additional treatments. (For example, 6 treatments at a normal setting are recommended for normal skin. For sensitive skin, it is recommended to perform more than 6 treatments at a lower setting). The treatment should never be painful. In most cases, clients find the treatments very enjoyable, as they receive an invigorating facial in addition to the treatment of the problem areas. Most clients notice softer and smoother skin after just one session. For significant results, at least 6 to 12 sessions are needed, spaced 7 to 10 days apart.

5. Select the proper vacuum setting. 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.
6. To begin treatment, gently move the handpiece over the treatment area in short, quick strokes. In order to ensure a uniform exfoliation, cover the treatment area completely using horizontal strokes. When the crystals cover an area completely in one direction, we refer to this as a "pass." It is our recommendation to use two passes with the handpiece. Therefore, treat the same area again using vertical strokes at the same vacuum setting.
7. A light coating of crystals will appear on the portion of the treated skin. After treatment is completed, brush away crystals and follow-up with a damp sponge to ensure removal of all crystals.
8. 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 50hg and quickly decreasing the vacuum setting to zero.
9. Discard the plastic tip after each client unless the client is having a series followed by maintenance peels, see Page 18 for more details.

5.1 TREATMENT PROCEDURES – Continued**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 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 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.

5.2 INDICATIONS

Indications for use of the PowerPeel® Microdermabrasion System are fine line reduction, mild acne, mild discoloration, rough skin, enlarged pores and 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. Your clients will enjoy an invigorating facial treatment while improving the health and appearance of their skin. The treatment lasts approximately 45 minutes.

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 power 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, 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 recommendation for treating laser footprints, the line of demarcation on the neck following the laser resurfacing, once the client has completely healed. The PowerPeel® Microdermabrasion used alternately with glycolic or other professional acid treatments (Retin-A and Renova), when spaced at least seven days apart, to enhance their effectiveness.

6.1 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 on any medication that might interfere with healing or increase the risk of post-inflammatory hyperpigmentation. These include, but are not limited to, **Coumadin** and **Accutane**. Regular outbreaks of cold sores around the mouth indicate that the client's **Herpes Simplex Virus** is not well controlled and the treatment could stimulate an outbreak. If there is an active Herpes outbreak, treatment should absolutely be avoided. Clients with flat warts should not use this treatment, as they can spread. If your client has diabetes that is not well under control, avoid treatment. Clients with **HIV** should not use this treatment. The closed loop system designed specifically to prevent the transmission of disease, but the benefit of the treatment weighed against the potential risk to both the operator and the client. Due to the close proximity of the esthetician to the client during the treatment, a client with known or suspected **TB**, not recommended. A pregnant woman is not a candidate for microdermabrasion.

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

Products used at home which contain AHA or BHA Renova and Retin-A need to stop 7 days prior to the treatment and not resumed for 7 days after the treatment.

Do not attempt to combine an acid peel with a PowerPeel® microdermabrasion treatment, as there is an increased risk of side effects due to exfoliating too deeply and this process could be painful.

Unrealistic expectations can lead to disappointment. It is important that the esthetician and the client have a clear understanding of the expected results. Review carefully with the client the purpose for the treatment, the realistic expectations, the possible side effects and the contraindications. It is important for the client to know these contraindications. If they a diagnosis of an illness or prescribed medication in the middle of their series of treatments, they need to inform you of this fact. It is also imperative that clients understand that adherence to a prescribed skin care regimen at home is vital to maintaining the results they achieved with this treatment.

6.1 CONTRAINDICATIONS - Continued

If client has had the following procedures:	The allotted time below states how long you should 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.
If your client is planning on having the following:	Wait the allotted time below:
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.

7.1 SAFETY PRECAUTIONS

The PowerPeel® Microdermabrasion System 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 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 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 tips design is 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.
9. Tubing that becomes contaminated or worn discard and replace. The tubing will last for approximately 50 treatments.
10. Dispose of used crystal by emptying into a sealed container and discarding with your regular trash. **NEVER RE-USE THE CRYSTALS.**

7.1 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 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 brass 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.

8.1 SYSTEM MAINTENANCE

ITEM	DESCRIPTION
Crystals	<ol style="list-style-type: none"> 1. Do not leave crystals in the waste & clean containers overnight. 2. To store crystals, keep original sealed container in a cool, dry place. 3. Leave the silica gel packet in the container. 4. Dispose of waste crystals after each use. 5. NEVER RE-USE CRYSTALS
Containers	<ol style="list-style-type: none"> 1. Clean waste & clean containers thoroughly with a soft brush or soft cloth at the end of each day. 2. Use a DIFFERENT brush or cloth to clean the waste & clean containers. Using the same brush for both containers could contaminate the containers. Do not use any liquid to clean the containers. Never use alcohol or liquid cleaners. This can cause damage to the containers, the machine or both.
Stoppers	<ol style="list-style-type: none"> 1. Clean stoppers daily by removing any crystal that have deposited on the stopper. This will ensure a good seal. Replace the stoppers when they become worn.
Tubing	<ol style="list-style-type: none"> 1. All tubing is made of polyurethane. UBS Aesthetics recommends replacing tubing sets after 50 treatments, once a year or when tubing starts showing the first signs of wear by discoloring. 2. Not replacing the tubing can cause a loss in vacuum pressure. 3. Replace tubing immediately in the event of drawn blood during a procedure or if it becomes contaminated in any other way.
Handpiece	<ol style="list-style-type: none"> 1. The handpiece is made of stainless steel with a titanium valve. The design of the handpiece allows for thousands of procedures.
Fittings	<ol style="list-style-type: none"> 1. Change the small and large fittings every six months.
Plastic Tips	<ol style="list-style-type: none"> 1. Keep the tips in their original packaging, clean and dry. 2. They are pre-sterilized and individually sealed. Once the seal is broken, they are no longer sterile. The use of tips is for superficial peels. 3. Discard after one use. If a client is having a series followed by maintenance peels, use the same tip (save in a clean and dry bag) for a maximum of 15 peels. Before placing tip in dry bag, clean and dry.
Filters	<ol style="list-style-type: none"> 1. Clean waste filter before each treatment. To clean the waste filter, hold your finger over the tip aperture and turn the vacuum pressure to 50hg. While holding your finger over the tip aperture, rapidly turn the regulator knob to zero. 2. Replace filter every 3-6 months depending on usage.
Vacuum Regulator Knob	<ol style="list-style-type: none"> 1. The vacuum adjustment range of the regulator is much less than its physical range. A few turns may be required before the meter needle begins to rise from zero. 2. Maximum pressure reached well before the knob reaches its leftmost physical stop. Do not turn the vacuum knob to this stop or it may lock at full vacuum pressure requiring maintenance to free it.

9.1 TROUBLESHOOTING

Difficulty	Possible Cause	Solution
System does not turn on	<p>Power cable is not plugged in.</p> <p>No power coming from the wall receptacle.</p> <p>Blown fuse.</p>	<p>Connect power cable.</p> <p>Voltage on the wall outlet has to be 120V.</p> <p>Check facility circuit breaker.</p>
Low vacuum pressure	<p>Waste container has not been emptied.</p> <p>Clean Container Cap</p> <p>Old, bent or crimped tubes.</p> <p>Moisture on the skin.</p> <p>Tip is old or cracked.</p> <p>The handpiece fittings are reversed.</p> <p>Tubing is loose in the fittings.</p> <p>O-rings</p> <p>Filter</p>	<p>Empty crystals from waste container.</p> <p>Check cap for a tight fit.</p> <p>Replace with a new tubing kit.</p> <p>Properly prepare skin with our a gentle cleanser and Microderm Prep Solution. Skin must be dry.</p> <p>Replace the tip.</p> <p>The large fitting should be on the same side as the metal notch holding the tip (notch and groove should fit securely).</p> <p>Ensure both tubes (small/large) are securely inserted into the small/large fitting.</p> <p>Two o-rings should be on the end of the handpiece.</p> <p>The filter should be changed annually or every 3-6 months depending on the usage.</p>
Crystals do not flow.	<p>The clean container does not have the proper amount of crystal in it.</p>	<p>Check the level of crystals in the clean container. The clean container should be nearly full with crystals for better flow.</p>

9.1 TROUBLESHOOTING – Continued

Difficulty	Possible Cause	Solution
	<p>Crystal build-up in the handpiece.</p> <p>Balls of crystals in the clean container.</p> <p>Moisture on the skin.</p>	<p>Remove the plastic tip from the end of the handpiece. Insert an open paperclip into the small hole in the metal tip of the handpiece to unclog it. Place tubing back in handpiece and ensure both tubes are secure in the fittings.</p> <p>Turn unit off and remove clean crystal container. Turn clean container over and look for small balls of crystal. If they exist, this indicates moisture in the container. Empty the crystal from the clean container into a waste receptacle. Fill the clean container with new dry crystals. Check the relative humidity in the room where the PowerPeel® system is located. The humidity level should be below 60%.</p> <p>The client's skin should be completely dry before starting the treatment. To ensure that the skin is dry, use our Oasis Microderm Prep Solution and allow product to dry completely prior to treatment.</p>
Poor crystal flow	<p>Tubing is loose.</p> <p>Moisture in treatment room.</p> <p>Crystals were left in the clean container overnight.</p>	<p>Tightly secure both tubes in the fittings. The tubes are considered secure if they cannot be removed without pushing down on the blue/black ring.</p> <p>Check the relative humidity in the room where the PowerPeel® is located. The humidity level should be below 60%.</p> <p>Check that there is no moisture in the clean container. Empty the clean and waste containers every night (after last treatment) to ensure dry crystals for the next treatment.</p>

9.1 TROUBLESHOOTING – Continued

Difficulty	Possible Cause	Solution
Broken fitting	Handpiece was dropped or fitting is worn.	Replace with a new fitting. To remove the old fitting, use needle nose pliers or strong tweezers to unscrew the fitting. Screw in new fitting securely. 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.

If the Troubleshooting Section cannot solve your problem, please call our Technical Support Department at 1-800-925-5022

9.2 MAINTENANCE TIPS

Maintenance Tips**Keeps your PowerPeel System Running Smoothly!**

Disposable Plastic Tips	<ul style="list-style-type: none"> ▪ Tips are pre-sterilized and individually sealed. Once the seal is broken, they are no longer sterile. The use of tips is for superficial peels. ▪ Assign the tip to the patient/client for series and maintenance peels for a maximum of 15 peels.
Tubing	<ul style="list-style-type: none"> ▪ Replace once per year. Not replacing the tubing can cause a loss in vacuum pressure.
Crystal	<ul style="list-style-type: none"> ▪ Dispose after each use. Never Re-Use.
Large Fitting	<ul style="list-style-type: none"> ▪ Change every six months.
Small Fitting	<ul style="list-style-type: none"> ▪ Change every six months.
O-Rings on Handpiece	<ul style="list-style-type: none"> ▪ Replace once per year.
Waste Filter	<ul style="list-style-type: none"> ▪ Replace every 3-6 months depending on use.

9.3 REPLACEABLE PARTS & ILLUSTRATIONS
A3500 Microdermabrasion System



Handpiece



Tip Screw

Handpiece with
Plastic Tip



Tubing Connections



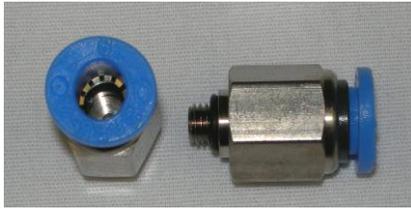
Large Fitting

Small Fitting

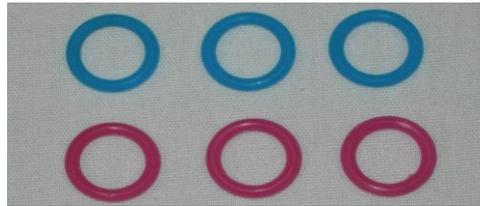
Tubing Set inserted
into Large & Small
Fittings on the
Handpiece



9.2 REPLACEABLE PARTS & ILLUSTRATIONS
A3500 Microdermabrasion System



Large Fitting



**O-Rings
(Set of 6)**



Small Fitting



Large Elbow



Tubing Kit



Small Elbow



**PowerPeel® Crystals for the
Clean Container**

10.1 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 Technical Support Department at 1-800-925-5022 for further instructions.

In many instances, system problems 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 shipping to us, we will ask you to return it in its original shipping box. All warranted repairs completed and the unit returned within 48 hours of receipt 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 crystals or other abrasives other than those offered by UBS Aesthetics.
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 installation and 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.
3. The unit must be used only in the manner herein described:
 - a. The unit must NOT operate after the useful life of the system-required disposable items has expired.
 - b. The unit must NOT operate using system-required disposable items not purchased directly from UBS Aesthetics.
 - 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.

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

10.1 WARRANTY - continued

1. UBS Aesthetics provides PowerPeel® crystals and are the only crystals approved by for use with our product. UBS Aesthetics crystals are manufactured to our specifications as to composition and size. Our crystals tested for safety and effectiveness. 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.
2. Clinical results may vary and not guaranteed. UBS Aesthetics is not responsible for the failure to achieve results or damage resulting from operator's misuse of the machine.
3. Operators are required to be licensed estheticians or physicians. We recommend that you carry professional liability insurance.
4. UBS Aesthetics' sole liability shall be limited to the repair of unit only.
5. Buyer/Operator herein agrees to this limited liability as a condition of sale.



**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 op 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:

Esthetician/Skin Care Professional

Date: _____ Time: _____

Client's Signature

Parent or Guardian (if patient is under the age of 18)



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

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