

## User Manual



- Digital timer and digital power control.
- Slimline design can be moved around with ease, great for small rooms.
- For the ultimate in skin exfoliation and deep pore cleansing.
- For a fresh new skin feel. Your clients will love this treatment.
- 1 year warranty.
- Size: 29cm x 21cm.

## Ultrasonic Skin Rejuvenation

SEQ917

# The Ultrasonic Skin Rejuvenation unit



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# Introduction

The Ultrasonic skin beauty system enables deep penetration of products into the skin and thorough peeling. Ultrasonic technology has been researched in European universities for the last 10 years.

The skin is a living-breathing organ, which reflects our well being and any outside damage inflicted upon it. There are a number of factors which influence the quality of our skin, such as diet, stress, ill health or hormonal changes. Other factors like smoking, dehydration, sunbathing or poor skin care can be more controllable by the individual.

When embarking on any form of skin care treatment the client should always be alerted to these factors, as good homecare practices will truly enhance any salon courses.

The Ultrasonic handset works on deep cleansing, peeling, regenerating, product infusion and plumping up skin tissue. This enables you to use the handset in a variety of ways:

- Deep cleansing facial
- Pigmentation/scar/stretch mark treatment
- Anti-ageing facial
- Exfoliator
- Acne scar treatment
- Massager

This versatility means you can use the machine in the traditional way incorporating it into a facial or body treatment. Alternatively, it can be used as a tool to infuse products quickly and deeply into the skin or as a stand-alone exfoliator.

## The theory of ultrasound

Ultrasound was discovered in the 18th century. Scientists studying bats realised they used sound waves to fly through the darkness. Later in World War One it was used by submariners for sonar use. The ultrasound generator was invented in 1933 and was used in dentistry as it is still used today.



The Ultrasonic skin beauty system works by passing an electric current through the handset, which contains small ceramic balls. These ceramic balls become highly excited and convert the energy into sound waves through the vibrations of the beads. The sound waves are then transmitted through the blade at the end of the handset into the skin.

- The handset works at 28 kilohertz.
- 28 kilohertz = 28,000 vibrations per second.
- 1 kilohertz = 1,000 vibrations per second.
- 1 hertz = 1 vibration per second.

The effects of this frequency on the skin works on both dermal and subcutaneous levels. Its actions can be split into 2 categories: thermal and mechanical.

## Mechanical

Using the handset to peel the skin creates a deep exfoliation effect. The vibrations gently lift any dead skin cells or excess make-up or sebum from the surface of the skin. The vibrations penetrate deep into the skin to loosen any trapped congestion.

## Thermal

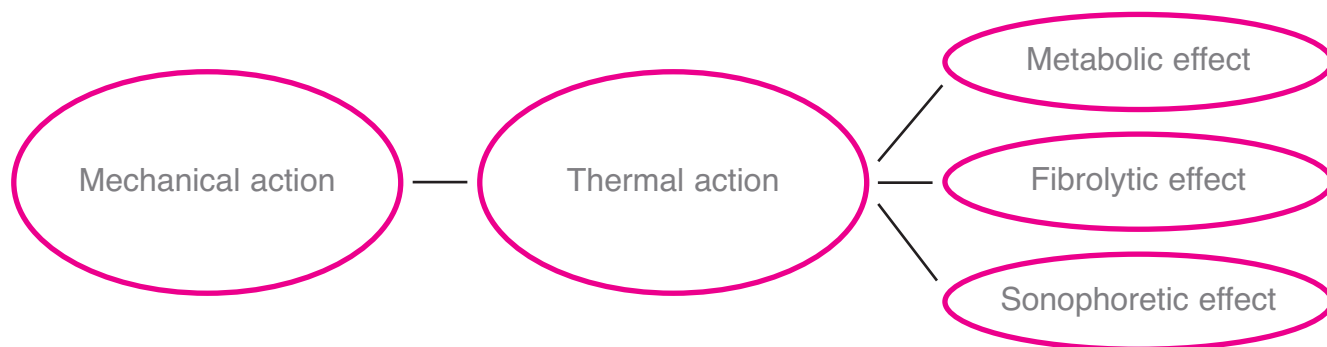
The handset works deep down into the skin to produce heat. This increases the blood flow and activates the sodium and potassium pump. The sodium and potassium pump is an underlying structure which floods the skin with water helping to plump out any fine lines or wrinkles on the skin's surface.

The increase in heat also helps speed up the absorption of nutrients, lymphatic drainage and the oxygenation of tissues.

This increase in metabolic activity then accelerates the production of collagen and elastin which is especially effective on aged or damaged skins.

Sonophoresis (or sound waves pushing in products) allows deep moisturisation into the superficial layers of the skin. This is made possible by the increased cell permeability of the skin.

The friction created at the lower levels of the skin by peeling increase the skins cellular metabolism and renewal. This then reduces the formation of scar tissue and sun damaged skins by gradually breaking it down.



### Contra Indications

- Pacemaker
- Pregnancy
- Epilepsy
- Diabetes
- Dermatitis
- Skin disease
- Lack of skin sensation
- Metal pins/plates
- Recent scar tissue
- Allergies
- Retin A/topical steroids
- Roacutane
- Restylane/collagen/botox injections (wait 2-3 weeks)

### Facial Peeling Movements



# Operating instructions

1. Plug in mains lead at the back of the machine and turn on.
2. Switch power to 1.
3. Plug in arm strap lead to output socket on the front of the machine.
4. Plug in handset into socket next to the output socket.
5. Attach arm strap to clients upper arm. If necessary cleanse area of any oils or creams on the skin. For clients comfort and optimum conduction apply a damp cotton wool pad beneath the steel part of the arm strap.
6. Ensure all clients and therapists jewellery is removed before the start of the treatment to ensure good conduction.
7. Use surgical cleaner to clean handset prior to commencing each treatment. Do not apply surgical spirit to any plastic parts, only the metal blade.
8. Using arrow keys raise output level to number 5 and set timer to 15 minutes.
9. Press the start button and begin the treatment by testing the handset on the clients jaw to find a comfortable working point. The output can be adjusted at this point by using the output arrow keys.

## Treatment suggestions

### Anti-ageing, deep cleansing facial treatment procedure

**Time: 1 hour**  
**RRP: £35 - £50**

This is an excellent all purpose facial that rejuvenates, softens wrinkles and leaves skin smoother and clearer. If client has no concerns with ageing but has congestion problems simply tailor-make the treatment by spending more time on the peeling phase. Conversely, if the client is concerned with ageing, work longer on the massage stage.

1. Sterilise handset using surgical spirit and cotton wool.
2. Perform double cleanse then do skin assessment on client and discuss appropriate treatment plan with client.
3. Cover client's eyes with damp cotton wool pads.
4. Set machine on constant and output to comfortable level for the client. Begin peeling skin using the peeling solution on damp cotton wool pads. Test the handset on clients jaw line then begin treatment at the brow. Ensure the handset is kept at a 45-degree angle at all times and that the pressure is comfortable for the client.
5. Work all over the face and neck methodically in horizontal sections. Complete one side of the face before moving over to the other side.
6. If necessary perform extractions.
7. Apply facial oil.
8. Switch machine on to pulse setting and turn handset over to use the flat side to massage skin. Alter energy output if necessary.
9. Massage skin from neck to head using a pumping action working towards the lymph nodes.
10. Manually massage in any excess oil then apply face and eye masks. Leave mask on for 15 minutes.
11. Remove masks, tone skin and apply eye and face creams. Use handset on flat side again to lightly skim over the skin to push products into the skin for 5 minutes. Massage in any excess product to finish.

## Pigmentation/blemish treatment

**Time: 30 minutes**

**RRP: £20 - £30**

This treatment achieves best results when performed as part of a course. Treatments are recommended 2-3 times per week depending on the severity of the problem. Clients should never have more than 3 treatments per week as the skin is left too exposed to outside elements after each treatment. Courses are recommended between 6 treatments for minor skin congestion to 20 for severe acne scarring.

1. Sterilise handset using surgical spirit and cotton wool.
2. Perform double cleanse then do skin assessment on client and discuss appropriate treatment plan with client.
3. Cover client's eyes with damp cotton wool pads.
4. Set machine on constant and output to comfortable level for the client. Begin peeling skin using the peeling solution on damp cotton wool pads. Test the handset on client's jaw line then begin treatment at the brow. Ensure the handset is kept at a 45-degree angle at all times and that the pressure is comfortable for the client. Pay particular attention to blemished or pigmented areas and work over these areas for 5 minutes after the initial peeling phase.
5. Apply healing oil to the blemished/pigmented areas.
6. Switch machine on to pulse setting and turn handset over to use the flat side. Using light stroking circular movements, infuse healing oil into the skin.
7. Apply a calming mask to the face and neck.
8. Remove mask, tone skin and apply eye and face creams. Use handset on flat side again to lightly skim over the skin to push products into the skin for 5 minutes. Massage in any excess product to finish.

## Scar or stretchmark treatment

**Time: Approximately 30 minutes**

**RRP: £20 - £30**

As with the blemish and pigmentation course this treatment achieves best results when performed as part of a set of treatments. Sessions are recommended 2-3 times per week depending on the severity of the problem. The time taken per treatment will depend on the size of the problem area. This price is a rough guide only.

Treatments will be most effective on stretch marks when caught in the early stages. Once the stretch mark becomes white and shiny in appearance any improvement will be negligible. Purplish or red stretch marks respond well as there is still a good blood supply in the area.

The treatments are designed to stimulate the fibroblast cells within the skin to repair the elastin bundles and boost collagen supply.

Keloid scarring is broken down by the peeling action and again the collagen and elastin is boosted to trigger the skin's natural healing process.

1. Sterilise handset using surgical spirit and cotton wool.
2. Cleanse areas of skin to be treated.
3. Set machine on constant and output to comfortable level for the client. Begin peeling skin using the peeling solution on damp cotton wool pads. Work methodically over the stretch mark or scar area then apply healing oil to the area.
4. Switch machine on to pulse setting and turn handset over to use the flat side. Using light stroking circular movements, infuse healing oil into the skin.
5. Massage any excess product into the skin then apply body moisturiser to seal in the oil.

# Technical specifications & machine care

## Technical Specifications

Power supply: 220 volt  
Hertz: 50 - 60Hz  
Handset: 28 kilohertz

## Machine Care

- Do not immerse any parts of the machine or handset in water.
- Clean the handset with surgical spirit on cotton wool between each client.
- Clean the unit with a damp soft cloth.
- Treat the Ultrasonic handset with care as frequent knocks can damage the ceramic beads within, causing the vibrations to become weakened.

# Trouble shooting

## **1. Machine will not turn on.**

- Check rocker switch at the back of machine is on and all wires are firmly connected.
- Check plug is functioning properly.

## **2. Handset is not working.**

- Make sure energy level is turned up before pressing start button.

- Ensure all jewellery is removed.
- Check that the skin is wet enough when applying blade (if skin is too dry the current can't conduct).
- Remember. If handset is turned on to intermittent pulse settings, the vibrations have a building up effect so that the vibrations become harder to hear. The client should still be able to feel the vibrations even if you can't hear them.

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