

# ECLIPSE MICROPEN™ - USER MANUAL

## What is Skin Micro-Needling?

*Micro-needling is aimed at stimulating the body's own collagen production to reduce the appearance of fine lines and wrinkles, stretch marks, skin laxity and scarring. It has also been successfully used for hair restoration in cases of alopecia.*

## The Eclipse Micropen

The Eclipse Micropen skin needling system allows for controlled induction of the skin's self-repair mechanism by creating micro "injuries" in the skin which triggers new collagen synthesis yet does not pose the risk of permanent scarring. The result is smoother, firmer and younger looking skin.

Skin needling procedures are performed in a safe and precise manner with the use of the sterile Micropen needle head.

The procedure is normally completed within 30-60 minutes depending on the required treatment and anatomical site.

The Eclipse Micropen disposable micro-needling tip comes in sterilized individual packages that are easily replaced and loaded into the device.

The tip has twelve (12) stainless steel micro-needles (32-gauge) which can be adjusted from 0.25 to 2.75 mm, giving physicians and aestheticians an innovative skin therapy system that is designed to cater to individual patient needs.

The Eclipse Micropen's needle depth can be adjusted during the course of the procedure to accommodate different treatment areas, and can easily maneuver around facial contours and delicate features, such as the eyes, nose and mouth.

The Micropen offers many advantages over other light based and heat based devices; the micro-needling increases the effectiveness of the treatment while causing less epidermal damage sometimes caused by excess heat and light based therapies

The high speed (8500 rpm) automated needling motion minimizes pain and discomfort, while better promoting an even absorption of topicals, acids and peptides into the skin which enhances overall results.

The sloped, or curved, insertion of needles on a rolling fractional device can create damaging trenches in the epidermis leading to more bleeding, pain and longer recovery time.

The vertical needling is not only effective in minimizing pain and bleeding, but also offers a safe, consistent treatment method that better rejuvenates the skin. The Eclipse Micropen offers

# ECLIPSE MICROPEN™ - USER MANUAL

exceptional results, is cost effective, easy to use and has better precision and control than more expensive treatments.

This ground-breaking technology, combined with low cost disposable tips, makes the Eclipse Micropen a revolutionary breakthrough for beautiful skin.

## **Side Effects:**

After the procedure, the skin will be red and flushed in appearance in a similar way to moderate sunburn. You may also experience skin tightness and mild sensitivity to touch on the area being treated. This will diminish greatly after a few hours following treatments and within the next 24 hours the skin will be completely healed. After 3 days most visible erythema will be absolved.

## **Contraindications:**

- Keloid scars
- History of eczema
- Psoriasis and other chronic conditions
- History of actinic (solar) keratosis
- History of Herpes Simplex infections
- History of diabetes; presence of raised moles, warts on targeted area

## **Absolute contraindications include:**

- Scleroderma, collagen vascular diseases or cardiac abnormalities
- Blood clotting problems, active bacterial or fungal infection, immuno-suppression
- Not recommended for women who are pregnant or nursing

## **Precautions:**

- Discontinuing Auto-Immune therapies, Retin-A 24 hours before using the pen
- Not to treat active acne, rosacea or other inflammated conditions
- Not to treat open wounds
- Patients with facial outbreaks such as herpes, medication must be taken 48 hours after treatment
- Microneedling treatments not to be administered for 6 months after Accutane regimen

# ECLIPSE MICROPEN™ - USER MANUAL

## **Eclipse Micropen – Features and Benefits**

- Cordless device
- No cross infection - disposable needles.
- Speed (8500 rpm)
- Shorter treatment times.
- Adjustable needles depth.
- Less pain.
- Light weight hand-piece.
- Easy to use.
- Lower price of consumables.
- No side effects.
- Easy to transport.

## **Eclipse Micropen - Application and effects:**

- Skin tightening, lifting and rejuvenation
- Acne scars and wound healing
- Improves wrinkles and fine lines
- Minimize pore size
- Improves stretch marks
- Treats Alopecia

# ECLIPSE MICROPEN™ - USER MANUAL

## Treatment Instructions:

1. Clean skin by removing all make up, moisturizer, self-tanner, sunscreen and numbing cream etc. with Eclipse Anti-Redness Foaming Cleanser™, soap and water or alcohol pad.
2. Exfoliate the skin using non-crystal microdermabrasion system such as the Eclipse Vibraderm™. (Optional but recommended)
3. Apply lubricating topical such as Eclipse MicroGlide™ to treatment area.
4. Activate the Micropen™ by pressing the power button.
5. Select needle depth according to approximate thickness of skin.
6. Begin treatment by simultaneously making contact with the skin and gliding in a horizontal direction at a rate of 1 inch per second. Continue until a single pass has been made across the entire treatment area.
7. Observe the effect on the skin and adjust needle depth accordingly.\*
8. Repeat process with a vertical pass across the treatment area. An optional 3<sup>rd</sup> pass can be made diagonally to achieve the maximum recommended coverage.

\*For proper regulatory compliance, non-physician use of this device should be limited to an erythematous effect only. The treatment endpoint should be mild to moderate erythema. Eclipse Micropen is a Class I FDA registered device for microdermabrasion and the treatment of scars.

## Post-Treatment Instructions

### Immediately

Step 1: Using a damp gentle gauze or disposable cloth, pat down the treated area.

Step 2: Reapply thin layer of *Eclipse MicroGlide™* or Hydrating serum.

Step 3: Apply *Eclipse Intensive Hydrating Balm™*.

Step 4: Apply *Eclipse Sensitive Skin Anti-Oxidant Facial Sunscreen SPF30™*.

### Day 2 & 3: Eclipse Dermal Recovery System

1. **Cleanse** - clean Skin using Eclipse Anti-redness Foaming Cleanser™.
2. **Revive** - apply Eclipse Tripple Peptide Restorative Serum™ over entire treatment area
3. **Sooth** – apply soothing Eclipse Intensive Hydrating Balm™.
4. **Protect** – apply protective Eclipse Sensitive Sking Anti-Oxidant Facial Sunscreen SPF 30™
5. **Repeat as necessary throughout the day**

**Note:** Avoid sweaty exercise and sun exposure during first 12 hours.

# ECLIPSE MICROPEN™ - USER MANUAL

## Day 4: Resume Normal Skin Care Routine

Single Treatment Protocol*:	Multi-treatment Protocol:
Fine lines	<i>(Series of 3-6 Tx at 6-8 week intervals)</i>
Texture	Moderate to Deep Wrinkle
Large Pore Size	Atrophic Acne Scars
Uneven Skin Tone	Striae/Stretch Marks
Minor Blemishes	Traumatic Scars
	Non-Keloid Hyper-trophic Scars

\*Protocols apply to all skin types

## Best Practices

1. **Always** make sure your Micropen has a full charge before starting treatment.
2. Do not over-tighten battery.
3. **Always** make sure the needle depth is set to '0' before inserting a new tip.
4. **Always** make sure the needle depth is set to '0' before starting a new treatment.
5. **Always** power Micropen on BEFORE selecting needle depth
6. **Always perform 'test patch' on patient before continuing treatment at selected depth**
7. **Always** lift Micropen before changing directions during treatment. Do not turn or pivot while in contact with the skin. Lifting before changing direction will prevent scratching.

## Charging Instructions:

1. Connect battery to charging unit
2. A red light on the wall charger indicates that the power button has been depressed and the battery is charging
3. Allow the battery to charge for 75 minutes or until the light turns from red to green, indicating that the battery has been fully charged

**Note:** If the power button is not depressed upon initial insertion into the charging unit, a green light will be displayed. This does not indicate that the battery is fully charged (green is the default color). Press the power button on the battery once to begin charging.

# ECLIPSE MICROPEN™ - USER MANUAL

## Cleaning & Storage Instructions:

1. Always dispose of single-use needle tip in proper sharps container immediately after each treatment.
2. **DO NOT** keep or store disposable tips for later use.
3. Using a clean gauze or paper towel, wipe down the entire surface area with Isopropyl Alcohol before and after treatment. Use Alcohol soaked cotton swab to clean in tight spaces.
4. Always wipe with alcohol before returning Micropen™ to storage case.