



3

al Treatments

Beauty Starts Here



# Extra 818



## Hair Removal + Facial Treatments

Active Optical Systems is proud to introduce the **Extra 818**. Innovative technology for the most high-demand treatments:



Hair Removal



Skin Rejuvenation



Acne



Vascular



Pigmentation



# Advantages



Easy to Operate



Fast Treatments



Dual Cooling System



Fast ROI



Superior Results



I-V Skin Tones And Tanned Skin

# Innovative Technology

## ACTIVE GEM-PL Technology

The **Extra 818** uses IPL (Intense pulsed light) to modify biological processes for a wide range of skin treatments, such as Hair Removal, Skin Tightening, Tissue Lifting, Body Contouring and more.

The device is based on Active's **GEM-PL** technology (geometrical energy management) which enables concentrated light energy to penetrate subjacent skin layers, with limited effect on the epidermis while carefully targeting precise areas for optimal results.

Similar to a magnifying glass in the sun, exposure to the sun's rays does not generate heat at proximity to the glass. However, at the focal point of accumulated light, the same energy creates high intensity heat that can facilitate change to its environment.







# Multiple Treatments

## GEM-PL Hair Removal

Light-based technology removes hair in three ways:

1. Ruining the follicle by coagulating the melanin in the matrix cells.
2. Clotting the follicle capillaries with heat energy, which means less food and oxygen to the hair follicle.
3. Triggering matrix cells to operate calcium pumps and exhaust the cell's energy, resulting in inhibition of the cellular metabolism.

These three processes back up one another, in order to provide optimal results from the first treatments.



Before Treatment



After Treatment



# Multiple Treatments

## Skin Rejuvenation

Active's **GEM-PL** Technology concentrates light under the skin surface, reaching the target area while not being felt on the epidermis.

**Extra 818** treatments rejuvenate mature skin, enhancing your patients' natural beauty and revealing smoother, younger, healthier-looking skin.



Before Treatment



After Treatment



# Multiple Treatments

## Acne



The **Extra 818** utilizes high-intensity broad spectrum light to reduce skin inflammation and acne.

A gentle IPL treatment that addresses both the p.acnes bacteria, as well as the pigmentation and redness of the skin.

The treatment is suitable for all skin types, has no side effects and achieves a smoother complexion with lasting results.



Before Treatment



After Treatment

# Multiple Treatments

## Vascular Treatment

The **Extra 818** offers multiple vascular treatments for clotted capillaries.

1. **Breaking down and release of clotted blood within the capillaries.** The result reinstates free blood flow and the disappearance unwanted coloration.
1. **Stimulating the external skin layer to produce more dermis.** This results in thicker skin which conceals the clotted capillaries.



Before Treatment



After Treatment





# Multiple Treatments

## Pigmented Lesions

Light energy pulses emitted from the **Extra 818** are converted into heat energy and adsorbed by the body's hyperactive melanocytes, which impairs and eradicates them. When new cells are later formed, it is with a remedied melanocyte and long-lasting skin rejuvenation.



Before Treatments



After Treatments

# Highlights

## Ergonomic Applicators

Body and Facial hand pieces for spot size flexibility and increased number of treatments that can be offered.

## Advanced Cooling System

Body Handpiece with an integrated cooling system designed to offer a pain-free and comfortable experience.

## Treatment Management

Extra 818 provides a complete picture of the system: number of flashes, time operated, patient treatment plan monitoring (areas treated, protocols).

## Fast ROI

Lamp's life span of 200.000 flashes which can be changed, **without the need to replace the entire applicator.**





# Specifications

EXTRA 818

Lamp's Life Span	200,000 Flashes (for each lamp)
Wavelength Range	420 – 1100 nm
Repetition Rate	One pulse every 0.5~2 sec
Max Power Output	10-30 joule/cm <sup>2</sup>
2 Handpieces	Cold Body Handpiece : 15X50mm
	Facial Handpiece: 15X30 mm
Control	Intuitive touch screen control
Chilled Tip:	Up to 4°C
Cooling	Revolutionary Dual Cooling
Maximum Intensity:	4,000W
Operation Voltage	230VAC/110VAC
Weight & Dimensions	42kg
	44cm x 45cm x 100cm

# WHY EXTRA 818

- Fulfills international medical and aesthetic device standards.
- Attractive price with low cost for maintenance and service.
- A versatile multi-application platform that provides the most popular, non-invasive aesthetic procedures.
- Painless Treatments.
- Speed and efficiency: visible results from the first treatment.

# WHY ACTIVE

- Deliver outstanding support after sale.
- Direct communication with the Manufacturer!
- Warranty, service and maintenance all in one place.
- Fast delivery.
- Customizable internal and external promotional materials.
- Authenticity: Proudly made in Israel.





# Get In Touch!

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