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# Pollogen **DIVINE**<sup>™</sup>

Patent VoluDerm  
Technology For Those  
Hard To Treat Areas



# Stimulating natural skin renewal



**Pollogen Divine** is an advanced aesthetic platform offering an effective solution for a wide variety of facial preventative and corrective needs. It especially provides optimal results in those hard to treat areas –neck, upper lip and peri orbital. Two proven technologies-VoluDerm micro-needle RF and Ultrasound-in one system enable renewal of both the mid-dermis and the epidermis. Results are visible, tighter neck, lip and eye areas give an overall younger look. Pollogen Divine also provides effective dermal volumising, skin firming without pain, bruising, bleeding and no downtime.

## Two Proven Technologies, One Powerful Platform

### VoluDerm Technology

VoluDerm Technology is a breakthrough concept that combines two electrical energies to create a dual effect in both the Epidermis and Dermis. VoluDerm is a minimally invasive treatment that uses fine Micro needles while applying RF. The result is significant with long term dermal volumising, wrinkle reduction and skin resurfacing.

### VoluDerm Benefits:

- Stimulates production of hyaluronic acid, collagen and elastin
- Easily treat peri-oral, peri-orbital and neck areas
- Sustains viable and receptive cells following ablation
- No Downtime
- Long lasting, natural looking results



VoluDerm Hand Piece

### Ultrasound Technology

Ultrasound waves penetrate deep below the surface of the skin. The vibrations increase the permeability of the stratum corneum resulting in an increased penetration of ingredients. The process is safe for all skin types, painless and gentle; and can be used on sensitive skin conditions (i.e rosacea).



Ultrasound Hand Piece

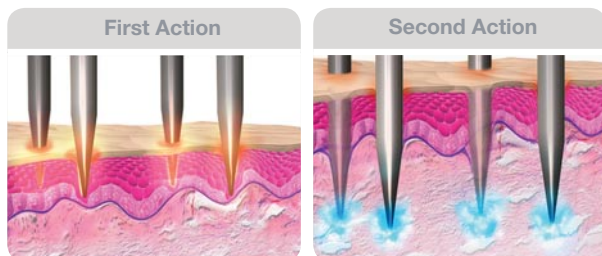
### HOW IT WORKS:

#### 1. First Action: Hot IMA\*

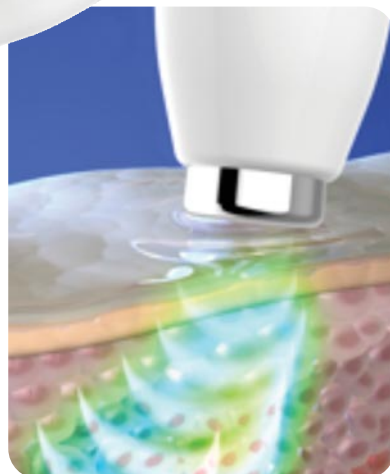
Facilitates smooth and painless penetration of micro pins to target the dermis.

#### 2. Second Action:

Electrical IMA\* Selectively ablates the target area, creating micro-wounds in the dermis and triggering the wound-healing effect.



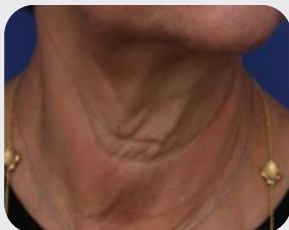
\*Invisible Micro Ablation



## BEFORE AND AFTER – Visible Results

### Skin Tightening and Wrinkle Reduction

Before



After



### Dermal Volumising and Wrinkle Reduction

Before



After



### Volumetric Increase and Wrinkle Reduction

Before



After



### Wrinkle Reduction and Skin Improvement

Before



After



### Skin Tightening and Wrinkle Improvement

Before



After



### Dermal Volumising and Wrinkle Reduction

Before



After



## WHAT THE PROFESSIONALS HAVE TO SAY...

'I have been using the VoluDerm micro needle RF technology to get an **overall facial skin tightening effect**, and found it to be very **effective particularly in the neck, upper lip and around eyes** which are typically very hard to treat. The treatment generated visible skin volume enhancement along with improvement of skin texture, tightening and diminished appearance of wrinkles. My Patients are very happy with the results'  
*Steven D. Shapiro M.D.*  
*Palm Beach Gardens, FL*

'Our results showed no influence of micro needle depth, in fact patients in Group A appreciated minimal invasiveness and results more than the other group. Radiofrequency has shown to be **safe and effective in the treatment of skin wrinkles and neck skin laxity**, accompanied by patient satisfaction, minimal pain and short downtime.'  
*Prof. Dvora Ancona, Milan Italy*

# Specifications

Parameter	Value/Data
Input Voltage	100-240 Volt, 50-60Hz, 1.4A-0.7A
Input Power Rating of Power Supply	24VDC, 5A
Mode of Operation	VoluDerm, Ultrasound
Maximum Output Power RF	500 Watts @200 Ohm
Output Frequency RF	1MHz
Output Power Control RF	Pulse Width Modulation (PWM)
Maximum Output Power Ultrasound	Up to 1W/cm <sup>2</sup>
Output Frequency Ultrasound	1M←-Hz
Output Power Control Ultrasound	Pulse Width Modulation (PWM)
Weight	5kgs
Dimensions	L32xW32xH43cm

## Pollogen Global Media



## Clinical Validation

Shapiro, S. VoluDerm micro-needle technology for treating skin laxity and wrinkles: initial clinical experience. Jacobs Journal of Experimental Dermatology. 1(20) March 2015.

Gershonowitz A, Gat A. VoluDerm Micro-needle Technology for Skin Treatments – In Vivo Histological Evidence, Journal of Cosmetic and Laser Therapy. 17(1) epub Feb, 2015.

Boisnic S, Branchet MC. Ex vivo study of hybrid energy technology using a human skin model, European Journal of Dermatology, (1)46-52. Jan-Feb, 2014.

Potekaev N, Zhukova O. Evaluation of Safety and efficacy of the Maximus™ System for facial wrinkles. Journal of Cosmetics, Dermatological Sciences and Applications, 3(2) June, 2013.

### ADVANCED ESTHETICS SOLUTIONS

ADVANCED ESTHETICS SOLUTIONS was born from a passion and true dedication of providing effective treatments for the medical, cosmetic and beauty industry with realistic and affordable opportunities for results-driven treatments. Our advanced portfolio of machines include Laser, IPL, Radio Frequency and Ultrasound.

Based in Cardiff, South Wales, the success and strength of ADVANCED ESTHETICS SOLUTIONS is derived from being at the forefront of cutting-edge technology. We have vast experience in the cosmetic and aesthetic field and also as owners of our own successful skin and beauty clinic we believe we understand the needs of other business owners in today's competitive marketplace.

Our hands-on experience enables us to offer our current portfolio with total confidence and the knowledge that they have been tried and tested producing REAL results.

### POLLOGEN

POLLOGEN is the developer and manufacturer of five revolutionary technologies under the industry premier brand names: OxyGeneo™, Hybrid Energy™, TriPollar®, TriLipo® and TriFractional™. We offer a full line of clinically-proven, safe and effective, non-invasive anti-aging facial and body contouring treatment platforms for a wide range of aesthetic applications. POLLOGEN provides solutions for professionals in over 60 countries, addressing the specific needs and dynamic changes unique to the ever-evolving aesthetic industry.

We believe in constantly challenging ourselves to create the most advanced, effective medical aesthetic technologies and solutions. In everything we do, we take a customer-centric approach by making our products user-friendly, safe and convenient. At POLLOGEN there is no such word as "done"; we continually perfect our solutions to provide treatments that are pleasant and effective. We believe in finding ways to develop technologies that work with the body's natural mechanisms so beautiful results are generated from within.

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