

D.E.P. ES PLUS

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D.E.P. ES PLUS is the new system designed for S.P.A. and Aesthetic Clinics for the increase of the absorption of Cosmeceuticals thanks to the patented Dermolettroporation® technology invented by Mattioli Engineering for Transdermal Drug Delivery and based on special electroporation pulses.

D.E.P. System generate an effective infusion in all skin conditions. Preliminary scrub or microdermabrasion treatment is not necessary but recommended.

D.E.P. ES PLUS System is equipped with several handpieces designed for any type of gel or serum either for the face either for the body.

Expensive serum can be delivered efficiently and without waste with the proprietary Syringe Liquid Dispenser.

D.E.P. ES PLUS enable the real time control of the delivery process thanks to a digital Delivery Display that advise when the absorption of the skin is too low.



Before



After



Applications

- FACE SKIN REJUVINATION TREATMENTS
- CELLULITE AND FAT REDUCTION TREATMENTS
- ABSORPTION ACCELERATION OF ANY WATER BASED COSMECEUTICAL COMPOSED BY:
 - Jaluronic Acid
 - Collagen
 - Elastine
 - Sodium Deoxicholate
 - Botox
 - Grow Factors
 - Peptides

Benefits

Easy to use

Pleasant treatment

No irritation, burning, inflammation, or PH change.

No return electrodes.

Real time absorption monitoring

D.E.P. System

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Technical Specifications

Power Supply: 100-240 V, 1 A max

Current RMS Density: 1,5 mA/cm² max

Maximum RMS Current: 1mA max

Pulse Frequency: 2200 Hz

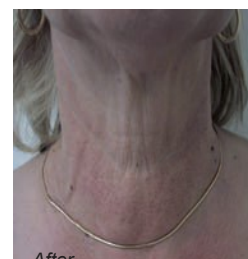
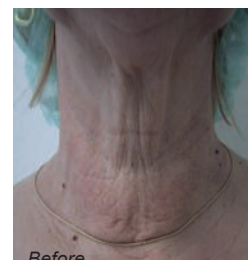
Burst Period : 22 ms

Burst Duration: 4 ms

Skin Impedence Monitor:
1 KOhm to 10KOhm

Dimensions: 34 X 24 X 10 cm.

Weight: 1,9 Kg



Dermoelectroporation®

DERMOELECTROPORATION® is a new named and patented proprietary technology of Mattioli Engineering Labs of Florence, Italy. As result of more than five years researches, Mattioli DERMOELECTROPORATION®, technology is consolidated to be an incredible procedure that allows the transdermal delivery of whatever substance operators want, which are otherwise not absorbed into the skin because of the typology and dimension of their own molecules. DERMOELECTROPORATION® infact, increases the skin's permeability just using some skin's water based channels opened by a particular controlled current delivered to the patient and allowing the substances to absobed till hypodermis and muscle membranes. DERMOELECTROPORATION® allows ionic dug solutions to penetrate down till Hypodermis and it is faster than traditional Ionthophoresis. With DERMOELECTROPORATION® micro and macro-molecules (greater than 800 Kdalton in size, such as Hyaluronic, Vitamins, Amino acids, Heparin, Antinflammatories etc) are safely delivered into the body without either modification of the ionic drug solutions pH and Electrolysis effect of the ionic solution itself. This was not possible with traditional Ionthophoresis systems before.

www.mattioliengineering.com


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a new science
in skin care®