

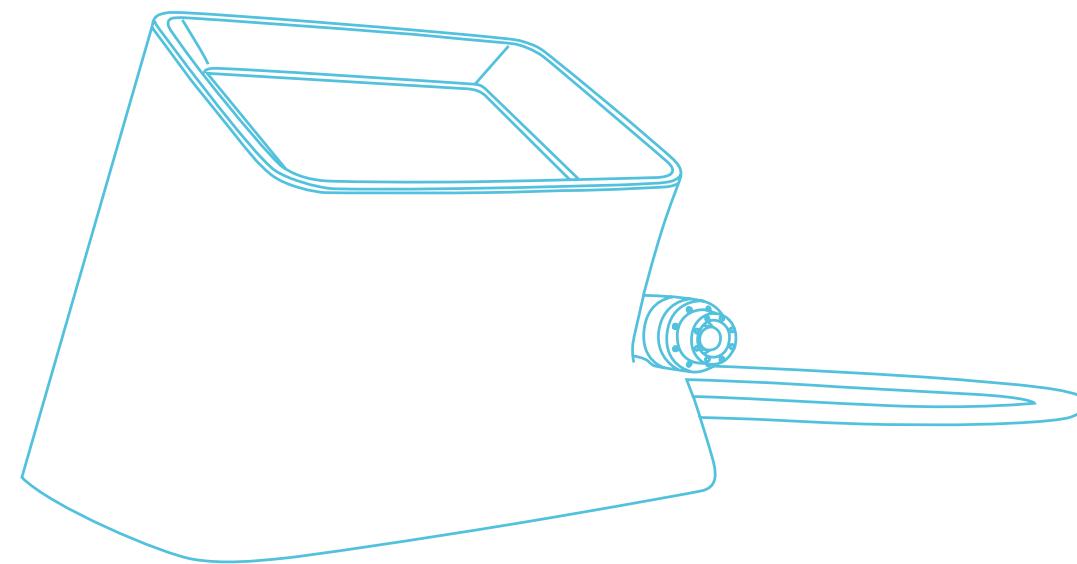
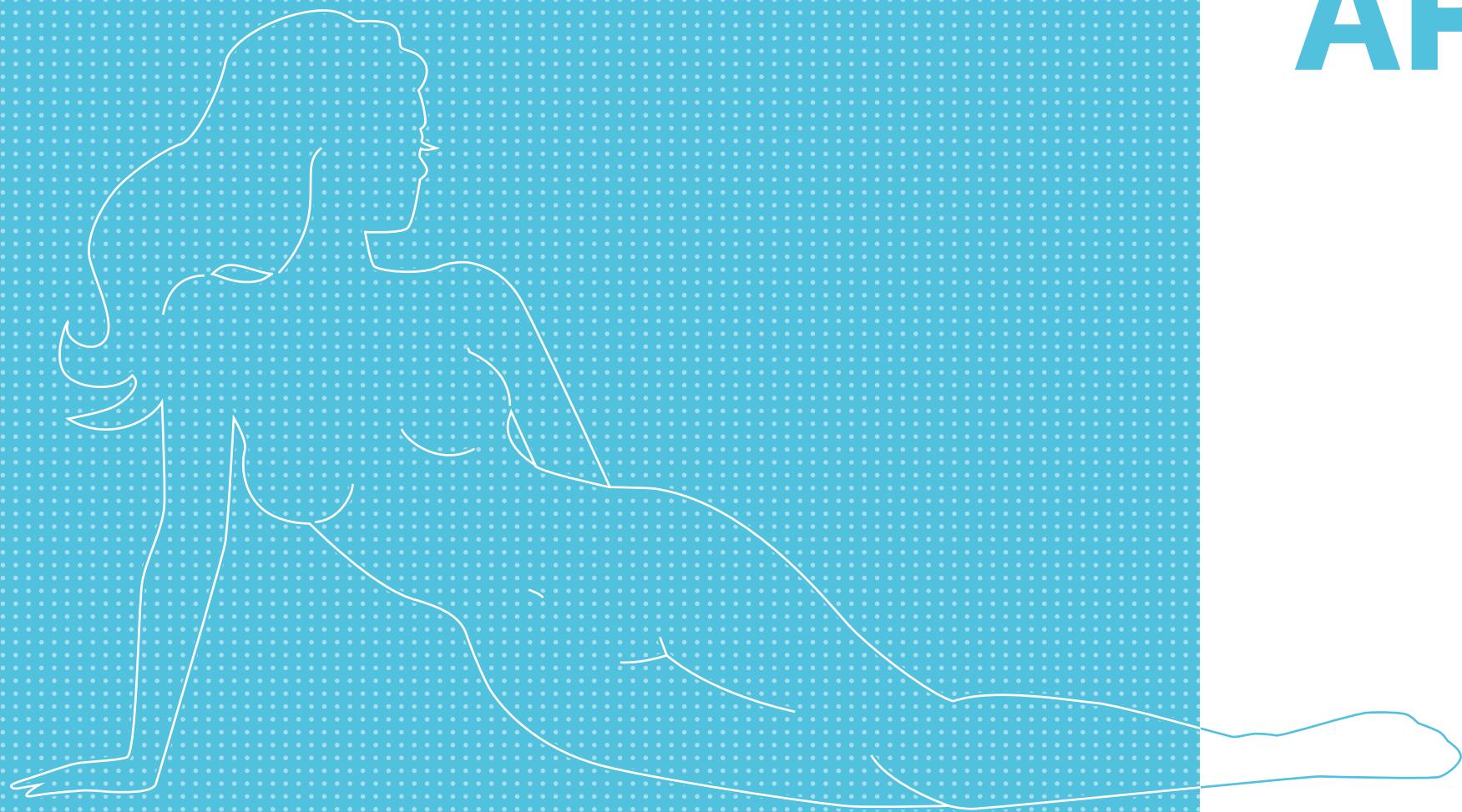
Automatic
Patting
System[®]

7 times
more
effective



APS®

APS® is an Italian patented device of medical origin for face and body cosmetic treatments. Through its unique head, it combines 7 different actions on the skin. It optimizes the effectiveness of the cosmetic treatment and extends its results. Your skin will be firmer, smoother, more elastic and more receptive to active ingredients.



AUTOMATIC PATTING SYSTEM®

APS® is an Italian patented device of medical origin for face and body cosmetic treatments. Treatments are performed through its patented and unique procedure, the **Skin Patting®**. This operation has the task to prepare the skin and allows **APS®** technologies to be immediately effective making the result of the protocol unique and inimitable.

HOW SKIN PATTING® OPERATES

Skin Patting® is the combination of simultaneous microdermal incision and of the acoustic wave. It causes 3 different actions:

- 1** immediate increase of the microcirculation in the treated areas with a consequent tissue oxygenation;
- 2** stimulation of cell metabolism of the tissues. This facilitates the spread of active ingredients;
- 3** stimulation of fibroblasts in a mechanical and repairing way to increase collagen and elastin production.



7 actions, just one innovative technology

- 1** CONTROLLED MICRODERMABRASION
- 2** STIMULATION THROUGH ACOUSTIC WAVES
- 3** TRANSDERMAL DELIVERY SYSTEM
- 4** VACUUM SYSTEM
- 5** FRACTIONAL RADIOFREQUENCY
- 6** ELECTRO STIMULATION
- 7** PHOTO STIMULATION



ENHANCEMENT OF COLLAGEN
AND ELASTIN PRODUCTION

controlled microdermabrasion

The first action of the device is a controlled microdermabrasion through the 5 protuberances of the head. Each protuberance is composed of two small cones. The first one keeps the skin in tension and allows the second higher cone to penetrate completely into the epidermis without any change in the basement membrane. The consequence is a sequence of micro wounds that stimulate the dermis into repairing itself. This causes a higher production of collagen and elastin. They are structural elements of the skin and they do not replace other missing components but they add themselves to pre-existent collagen.

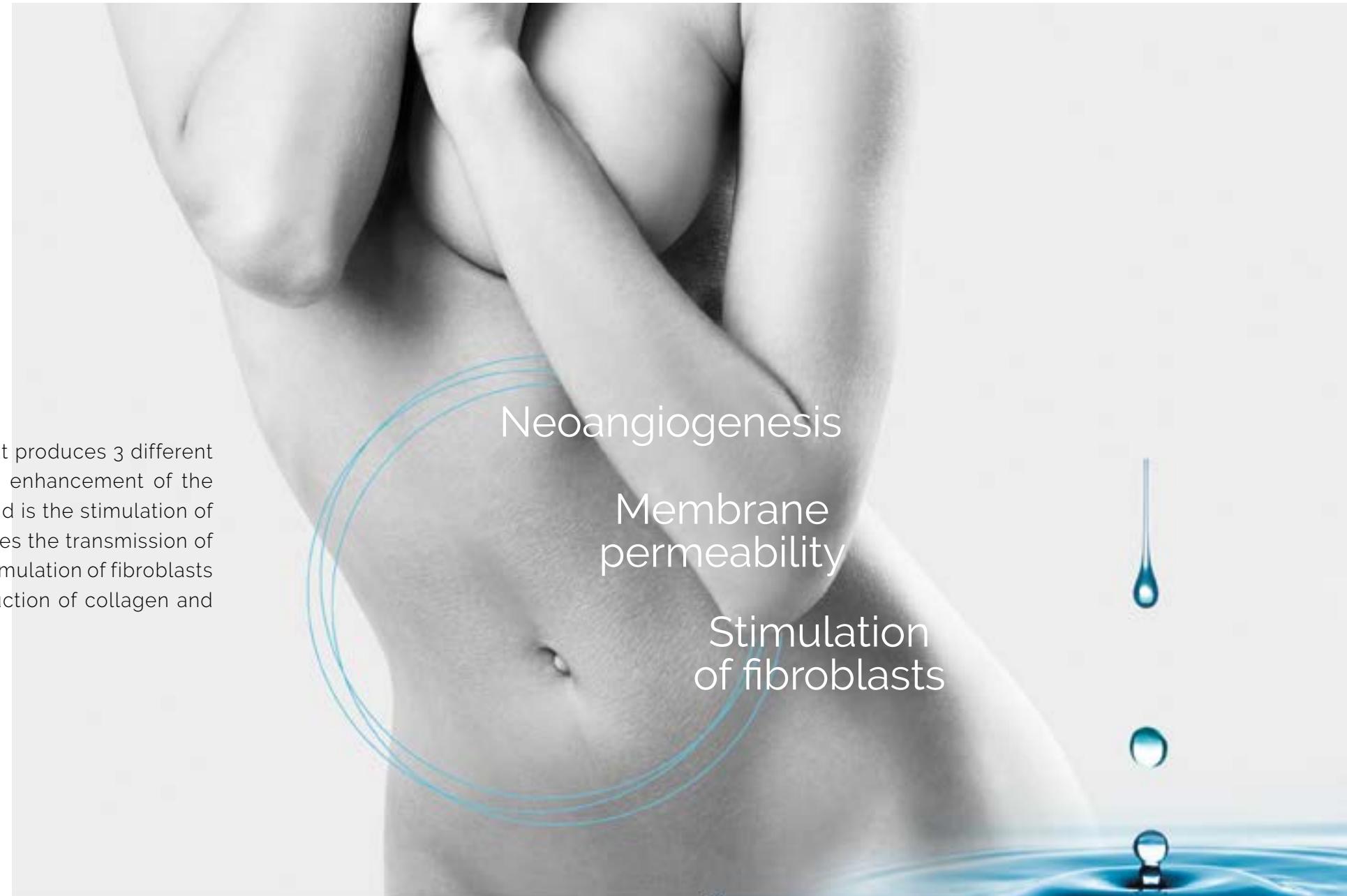




INCREASE OF
CELLULAR METABOLISM

stimulation through acoustic waves

The device causes an acoustic radial wave that produces 3 different actions in just one treatment. The first is the enhancement of the microcirculation in the treated area. The second is the stimulation of cellular metabolism of the tissues that facilitates the transmission of active ingredients. The third is the automatic stimulation of fibroblasts with a consequent enhancement of the production of collagen and elastin.



Neoangiogenesis

Membrane
permeability

Stimulation
of fibroblasts

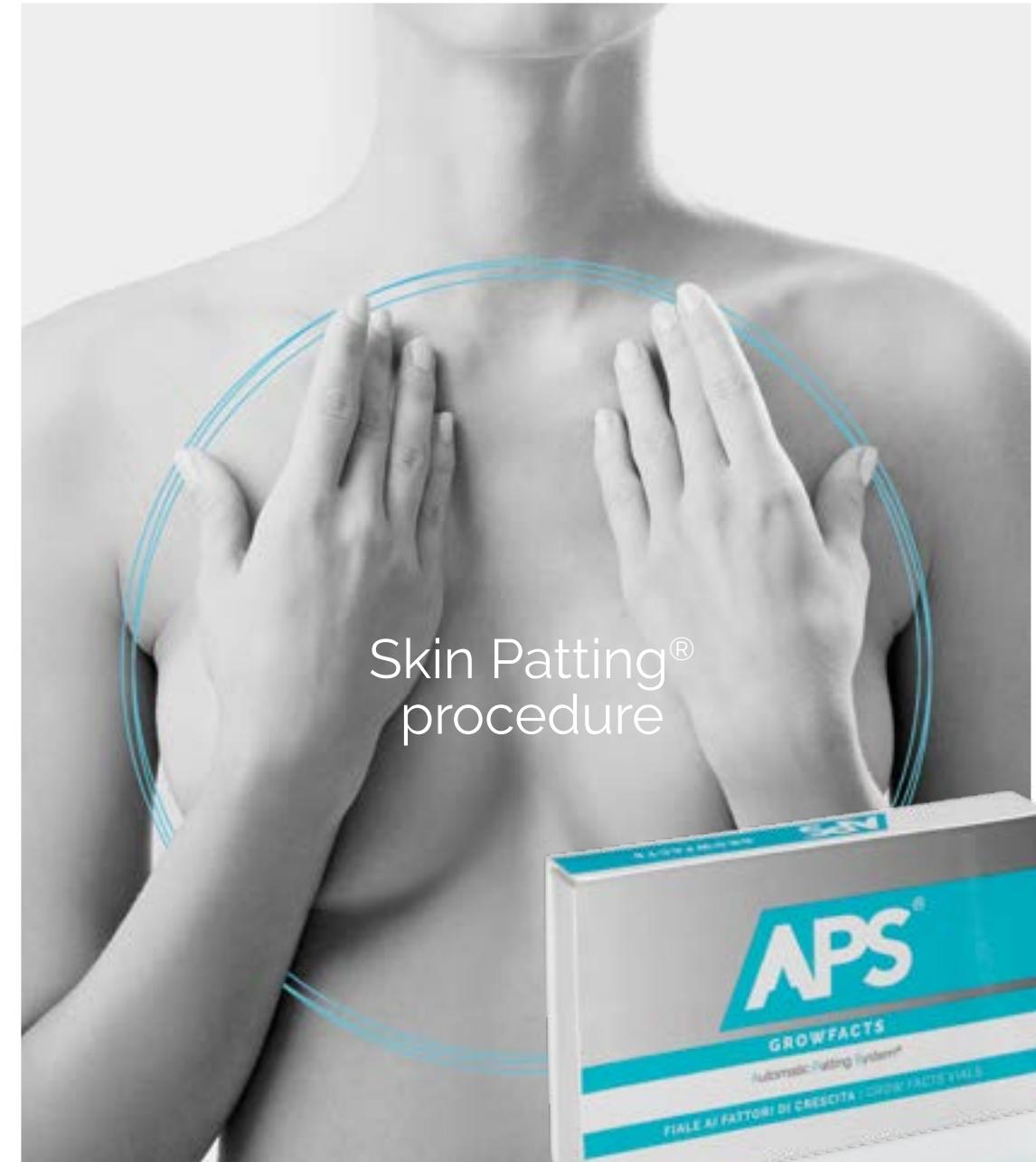


HIGHER PENETRATION
OF ACTIVE INGREDIENTS INTO THE SKIN

transdermal delivery system

The stratum corneum of the epidermis is the first barrier against the penetration of the active ingredients of cosmeceuticals.

The mechanic effect on the cellular structure produces a lengthening of the cell membrane, allowing the increase of transdermal penetration of active ingredients and simplifying the presence of higher concentration of active ingredients in the dermis. During the treatment, a product will be applied on the skin and it will be vehiculated through the mechanic action of the Automatic Patting System[®]. The device creates small fissures and channels the active ingredients into the skin through the base of its head.





INTEGRINS STIMULATION
AND INCREASE OF COLLAGEN AND ELASTIN

vacuum system

The Vacuum integrated system on the head induces an endodermic massage, it stimulates automatically integrins and it keeps the skin perfectly stuck to the head. This optimizes the mechanic action of the stimulation of integrins that are trans membrane receptors that secrete collagen and elastin of the fibroblasts.





LIFT EFFECT ON SENSITIVE
AND HARD TO TREAT AREAS

fractional radiofrequency

The final part of the head of APS® is in contact with the skin and has fractional radio frequency terminals.

Thanks to the binary transmission of the current, the first structures to be reached are the most superficial areas of the papillary dermis. The radiofrequency produces an immediate denaturation of the amino acids that form the collagen protein causing its reduction. The consequence is an immediate lift effect since the first treatments.

The treatment is particularly suitable for sensitive areas like the face. Moreover hands can be treated only with fractional binary radiofrequency because they have very few subcutaneous tissues. Thanks to bipolar transmission, this kind of radiofrequency remains superficial and does not need any help of the patient.

Patients with dental implants or any other implant can subject themselves to the treatment because the current does not pass through the body.





MORE COMPACT,
BRIGHTER AND FRESH SKIN

electro stimulation

In the last part of the treatment, the same terminals of the APS® head used for radiofrequency turn off and an electrostimulation treatment through a biphasic current at 2, 5 Hz frequency starts.

The muscular solicitation caused by the electrostimulation, creates an immediate tensing effect for a higher lift effect, causes the skin pores dilation that facilitates the absorption of active ingredients and enhances the contractile ability of the skin giving the skin brightness and freshness.



Immediate
tensing effect



EFFECTIVE IN TREATING TO TREAT ACNE,
SPOTS OR LIGHT WRINKLES

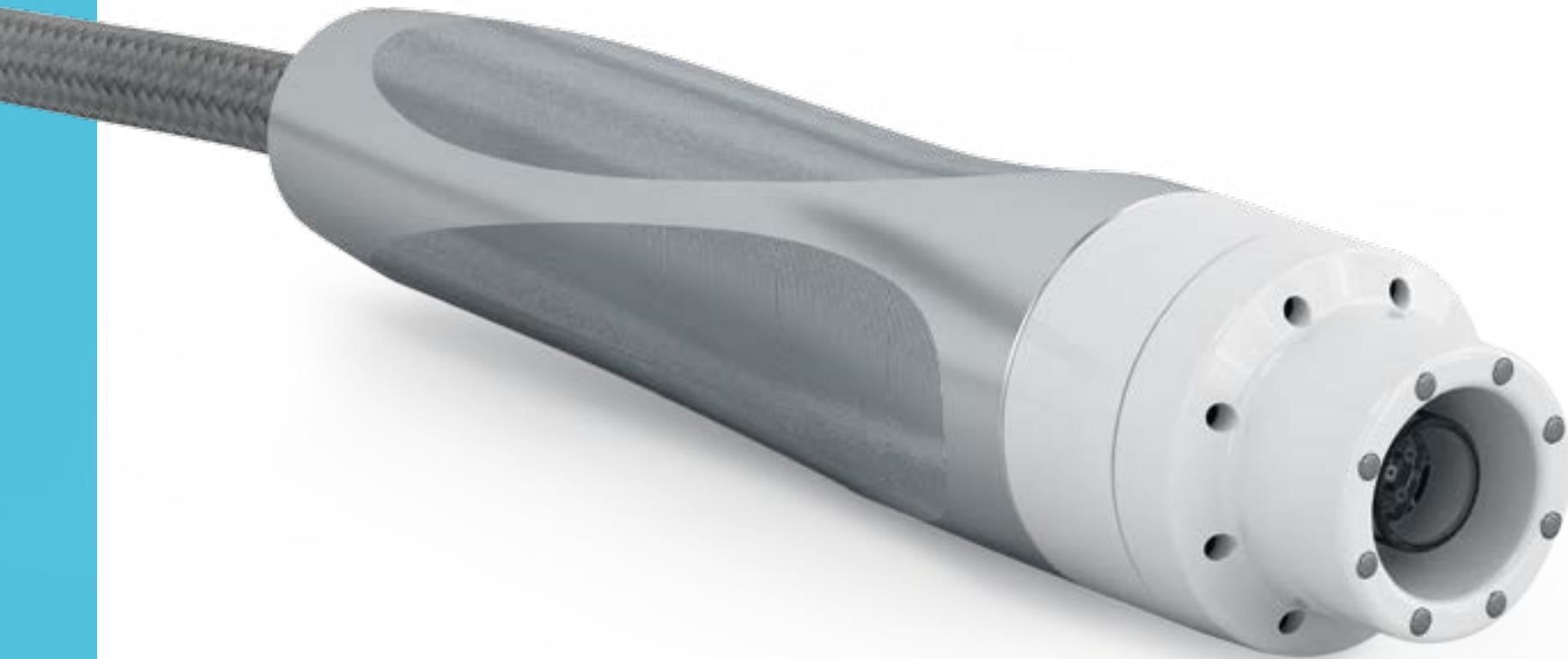
photo stimulation

On the external part of the head of the device, there is a crown of blue and red LED that emit a coherent monochromatic non collimated light with a short variability of wavelength (+ - 5%). LEDs avoid bio stimulating effects on fibroblasts and elastin. The result is a natural lift effect. Photo stimulation has also a high effectiveness on acne, on superficial skin marks and reduces small wrinkles.



Biostimulation
of fibroblasts
and elastin

Technology made in Italy



An international scientific group has supported the development of the Automatic Patting System[®], but the conception, the construction, the design and the production of any piece and its assembly have been made in Italy and are still made exclusively in Italy.

APS[®] technology has a patent and has no equal. The procedure involved, the Skin Patting, has also a patent.

One of the most important authority in the world, Eurofins, certifies the devices.





Let the facts speak for themselves.

OUR COMPANY BELIEVES THAT WE HAVE TO GIVE OUR CLIENTS REAL RESULTS, SO WE BASED OUR PROMISES ON A TEN-YEAR EXPERIENCE ON THE DERMATOLOGIC FIELD. THANKS TO THIS KNOWLEDGE, WE HAVE INVESTED ON RESEARCH AND ON SCIENTIFIC DEVELOPMENT REFINING A DEVICE THAT IS UNIQUE AND THAT CAN ANSWER TO THE REAL AESTHETIC NEEDS THAT WE HAVE MET THROUGH THE YEARS.

APS is an Italian company, with Italian technology that overlooks the world through the creation of an international network that supports the European area both on sales side and on assistance. We use an innovative online and off line system with video tutorials through which we supply a rapid training on the use of our devices. In every moment and for every need, the operator can see again what has learnt during the training with the specialist and can act accurately and promptly during the treatment.

**THIS IS APS;
NOW LET THE FACTS SPEAK FOR THEMSELVES.**

