



**Mesotherapy**  
for the penetration  
of active  
ingredients



mesotherapy



cold



heat

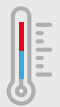


**Method**

**ACCUderma Cryomesotherapy** is a multifunction system that combines heat, cold and mesotherapy by electroporation to achieve maximum effectiveness in the penetration of active ingredients and the aftercare of cosmetic-medical facial treatments.

**ACCUderma Cryomesotherapy** is based on the effect of mesotherapy by transdermal electroporation, which helps the penetration of the active ingredients of mesotherapy by applying brief electrical pulses to the tissues and cells that generate temporary micro holes in the skin, allowing for the deep introduction of the product in a painless way, without the need for invasive methods.

The combination of electroporation with the application of cold and heat simultaneously, makes this treatment a functional 3 in 1 method.



cooling MAX -15°C  
heating MAX +40°C

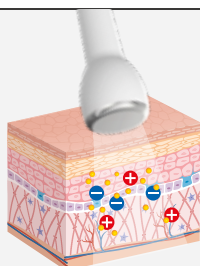


## MODE OF ACTION

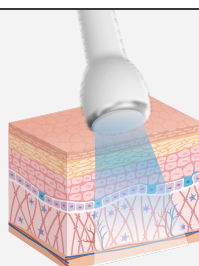
Mesotherapy by electroporation is a non-invasive system that works with short pulse electrical waves that are athermal and painless. These waves act by applying microvolts to the cell membrane and opening the dermal channels to create microchannels through which the mesotherapy active ingredients are introduced.

The application of cold protects the skin and prevents the applied active ingredients from penetrating the deeper layers of the blood flow channel (vasoconstrictor effect). Cooling the electrode of the handpiece protects the surface of the skin, and prevents the risk of post-inflammatory hyperpigmentation after laser and cosmetic medicine treatments.

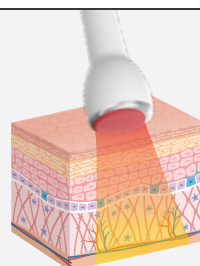
The heat system is used when a vasodilator effect is required to achieve deep penetration of products. The heat provides a relaxing effect on the skin and muscles.



Mesotherapy: Penetration



Cold: anti-inflammatory action



Heat: Vasodilatory action



## Method

for the penetration  
of active  
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## INDICATIONS

### Penetration and absorption of products.

Electroporation enables the active ingredients to penetrate the skin, enhancing the effects on the skin. These active ingredients may have very different effects, from those that combat acne, blemishes, aging or hair loss.

The higher level of penetration of the active ingredients noticeably improves the results of the treatment.

### Post- treatment care

The cold system significantly reduces the risk of hyperpigmentation (PIH risk), acting as an anti-inflammatory and it also alleviates and reduces redness after laser or microneedle treatments; as well as cosmetic treatments in general.

## BENEFITS

- High level of penetration with electroporation
- Easy to operate. No prior preparation is required
- Can be combined with all types of solutions (vitamin C / ionised solution)
- Allows you to set the pulse polarity (+) (-)
- **Reduces the risk of hyperpigmentation (PIH risk)**
- Compact, lightweight and portable equipment
- Can be applied to any type of skin and at any time of year
- Painless and non-invasive procedure
- Does not damage the surface of the skin or tissues

**ACCUderma**  
CRYOMESOTHERAPY TECHNOLOGY

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Power supply:	Input tension: 100 -240 Vac, 50/60 Hz 1,3 A Output tension: 12 Vdc, 6,67A 80 W Max 80 W
Maximum consumption:	Displays 7 segments and rotary control wheel
Interface	IPX0
IP protection degree:	Electrical class I
Classification:	

**OUTPUT CHARACTERISTICS**

Output frequency:	1100 to 1700 Hz
Intensity levels:	0 to 99
Pulse duration:	160 to 230 microsec.
Work cycle:	0,1 to 2 sec
Rest:	0,4 sec
Voltage:	120 Vpp
Temperatures range:	COLD MODE -15°C to 10°C HEAT MODE 30°C to 45°C
Treatment duration:	1-60 min
Electrical insulation class:	Type BF

Dimensions:	300 mm (h) x 260 mm (l) x 200 (w)
Weight:	5,5 Kg



Ref.: M95