

ATOMY EP SKINBOOSTER

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SKINBOOSTER

Self home care with patented EP
technology

Innovative multi-frequency EP technology
to promote skin absorption of cosmetic ingredients

The product penetrates deeply
into the skin to give the skin
overflowing vitality

Various cosmetic ingredients,
such as moisturizing and anti-aging ingredients,
are delivered directly into the skin.



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SKINBOOSTER Function



Electroporation

- Maximizes the skin penetration of Atomy's cosmetic ingredients with patented electroporation technology and Atomy's proprietary solution*
- Direct injection through the skin cell membrane regardless of the polarity of the cosmetics
- *Patent pending



Four Modes

Four modes according to skin condition



Heat and Vibration Functions

- Improves the skin penetration of the cosmetic's active ingredients with the thermal function.
- Vibration function relieves skin tension to revitalize the skin.



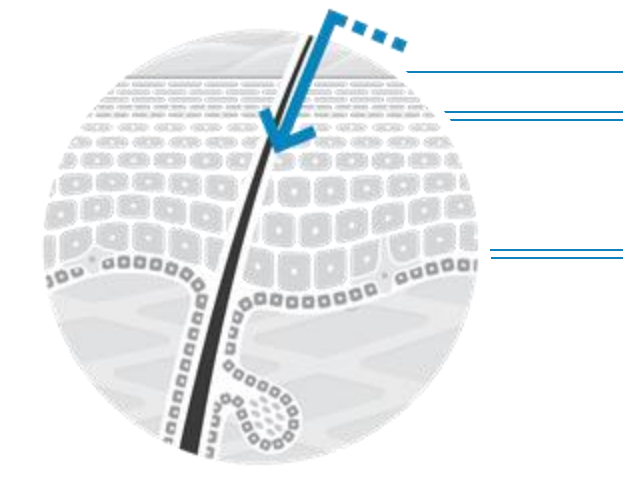
Three power level adjustment

Three power level adjustment based on individual use patterns



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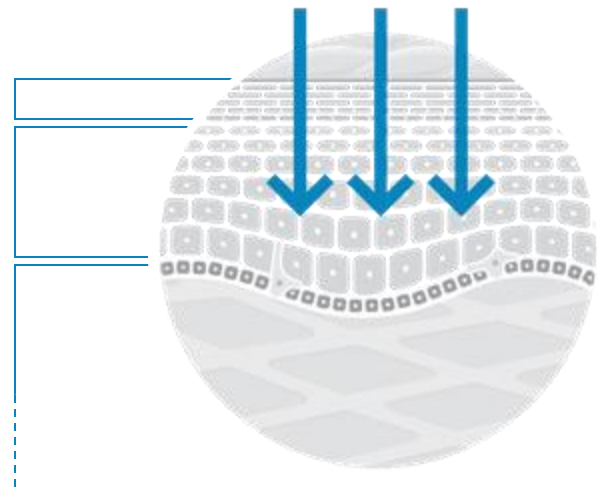
How is electroporation technology different from galvanic (iontophoresis) technology?



1 Galvanic (iontophoresis)

By continuously applying low voltage, the ionized ingredients from the cosmetic ingredients penetrate into the skin, mainly through sweat glands and pores.

Absorbs mainly + or - polarized ingredients into the skin



2 Electroporation

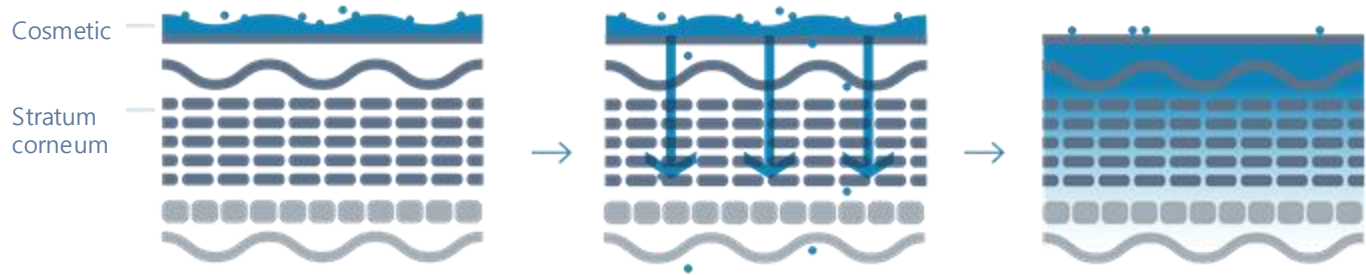
Applies high voltage for a very short time to momentarily disturb the lipids that make up the stratum corneum for the cosmetic ingredients to penetrate into the skin

Regardless of the polarity of the cosmetic ingredients, even non-ionized ingredients can be absorbed

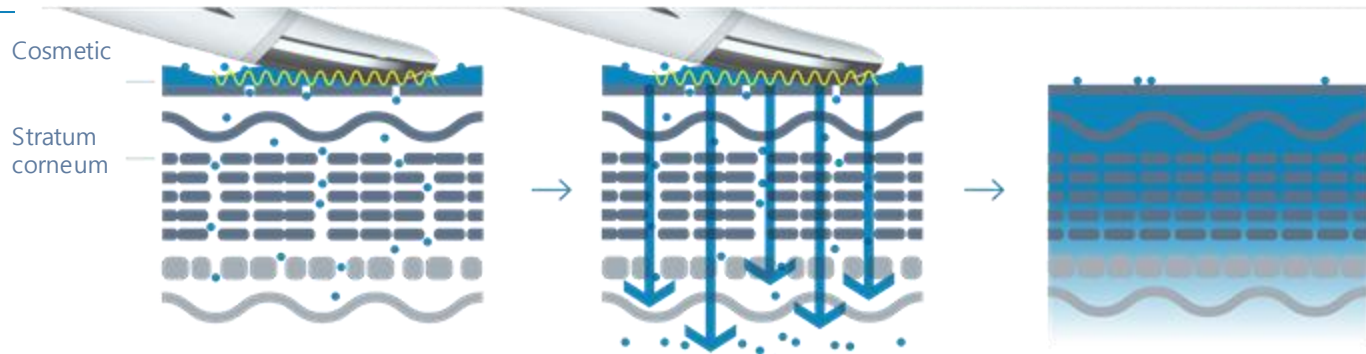
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What is the Multi-Frequency EP Technology Used in ATOMY EP SKINBOOSTER?

Absorption by hand after applying cosmetic



Use of EP SKINBOOSTER

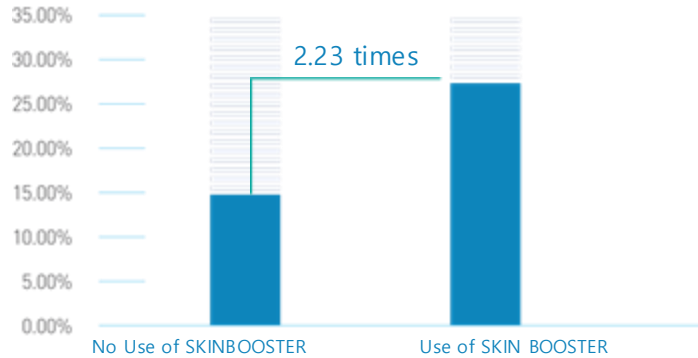


The multi-frequency EP pulse creates a temporary pathway in the skin cells.

Promotes penetration of cosmetic ingredients

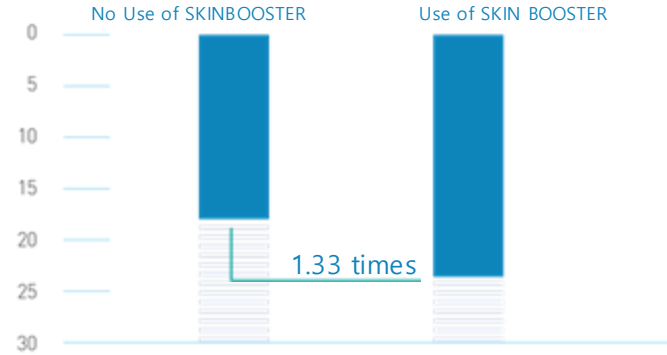
The skin pathways are restored
Cosmetic absorption rate, penetration depth increase

Absorption rate



2.23 times the absorption rate of cosmetics compared to when SKINBOOSTER is not used

Depth of penetration



1.33 times the penetration depth of cosmetic ingredients
Penetrates the stratum corneum, which is the biggest obstacle in cosmetic absorption

* Measurement data after 1 hour following 10 minutes of EP SKINBOOSTER use

- * Clinical results of five healthy adult women aged 41.4 ± 4.3 years at Skin Biotechnology Center. Additional clinical trials are in progress.
- * Only when 37 voltage + multi-medium frequency (10~60 kHz) condition is applied

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How to Use 01

Please use after charging
the device.

When using the device, please
apply the cosmetic on your face
and massage.

When charging the device, it goes
into charge mode and all functions
are stopped.



Turn on the device by pressing
the power button for a long time.

Press the power button for a
short time to select the power
level.

Select the mode you desire.

When in contact with the skin, it
provides a soft vibrating
massage.


Please make sure to charge the
device after use.

*Before beginning, sufficiently apply
an ATOMY ampoule and massage.

* When the button is pressed, it starts
with Blue mode.
(Repeats in the order of Blue - White
- Purple - Red)

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How to Use 02



 On/off and power level button

Long-press Power ON / OFF

Short-press Power level change (repeats 1-2-3)

* When the power is turned on or the mode is changed, it starts from power level 1.

 Mode Button

Short-press Power level change (Repeats in the order of Blue - White - Purple - Red)

* When the button turns on, it starts with Blue mode.

Heat Mode

For the heating function, there are individual differences, so make sure to check the temperature on the back of your hand before use.

* Heat mode starts at the same time the power turns on.

Turn off heat mode Long-press the mode button (Back LED light turns off.)

Turn on heat mode Long-press the mode button (Back LED light turns on.)

It provides various modes that can help with absorption of
ATOMY Cosmetics.



BLUE

Electroporation mode
applicable for a variety of
cosmetics
(Basic heat function applied)

Recommended time
of use: 5 min



WHITE

Electroporation mode for
cosmetics that helps with
whitening and skin
regeneration
(Basic heat function applied)

Recommended time
of use: 2 min



PURPLE

Electroporation mode that
helps with skin elasticity
through absorption
promotion and skin massage
(Basic heat function applied)

Recommended time
of use: 2 min



RED

Absorption promotion mode
through heat at ~ 40
degrees*

(Basic heat function applied)
* Based on room temperature (25
degrees). Differences may occur
depending on the ambient temperature.
** The electroporation function is not
provided in Red mode, and vibration is
always on for power levels 2 and 3.

Recommended time
of use: 5 min

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How to Use 03



Use with Advanced Hydration ampoule and various moisturizing cosmetics.

BLUE



Use with Vita Luminous, Miracle Rejuvenating Ampoule and other whitening cosmetics.

WHITE



Use with 24K Gold Infusion Ampoule and cosmetics that help with skin elasticity.

PURPLE



It promotes cosmetic absorption through the heat function. Use with various cosmetics.

RED

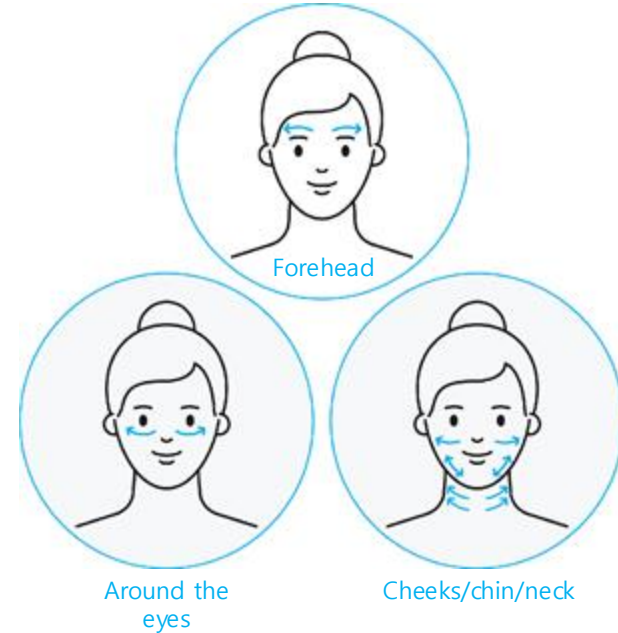
Cosmetic Boosting

- After applying ATOMY Ampoule to the face, set the device to the desired mode as well as intensity.
- Gently wrap it around and hold the electrode handle.
- When you lightly press the skin contact area to the face, boosting will start with a soft vibration.
- For the White, Blue, and Purple modes, boosting begins when you hold the electrode handle and contact the skin with the device.
- First, select the mode with light simulation and use it until you get used to it.
- For the Red mode, there is no vibration on level 1, but the vibration starts with level 2.
- Move the device slowly, as if massaging.
- The recommended period of use is 5 minutes for the Blue and Red modes once a day and 2 minutes for the White and Purple modes.



Do not use on the following areas.

1. Do not use across the top and bottom areas of the eyes.
2. Do not use across the lip area and lips.
3. Do not use down the middle of the neck and in the carotid artery area.



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How to Use 05



Have the entire skin contact area touch the skin and move the device softly. It promotes the quick absorption effect of cosmetics for wide areas such as the forehead, cheeks, chin and around the eyes.



For deep wrinkles such as smile lines, eye wrinkles, forehead wrinkles, frown lines, and wrinkles on the bridges of the nose, a more intensive cosmetic boosting effect can be obtained by using the protruding part at the top of the skin contact area.



Mask Sheet Boosting Method

Place the mask sheet evenly on the face so that it sticks to the skin well.
Touch the skin contact area of the product on top of the mask sheet and move it slowly, as if massaging.

For gel type mask sheets, it is difficult for the electroporation pulse to penetrate due to the characteristics of the mask sheet, and there may not be a boosting effect.

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Dual Safety System

MCU

When the recommended time of use passes for each mode, the power turns off.

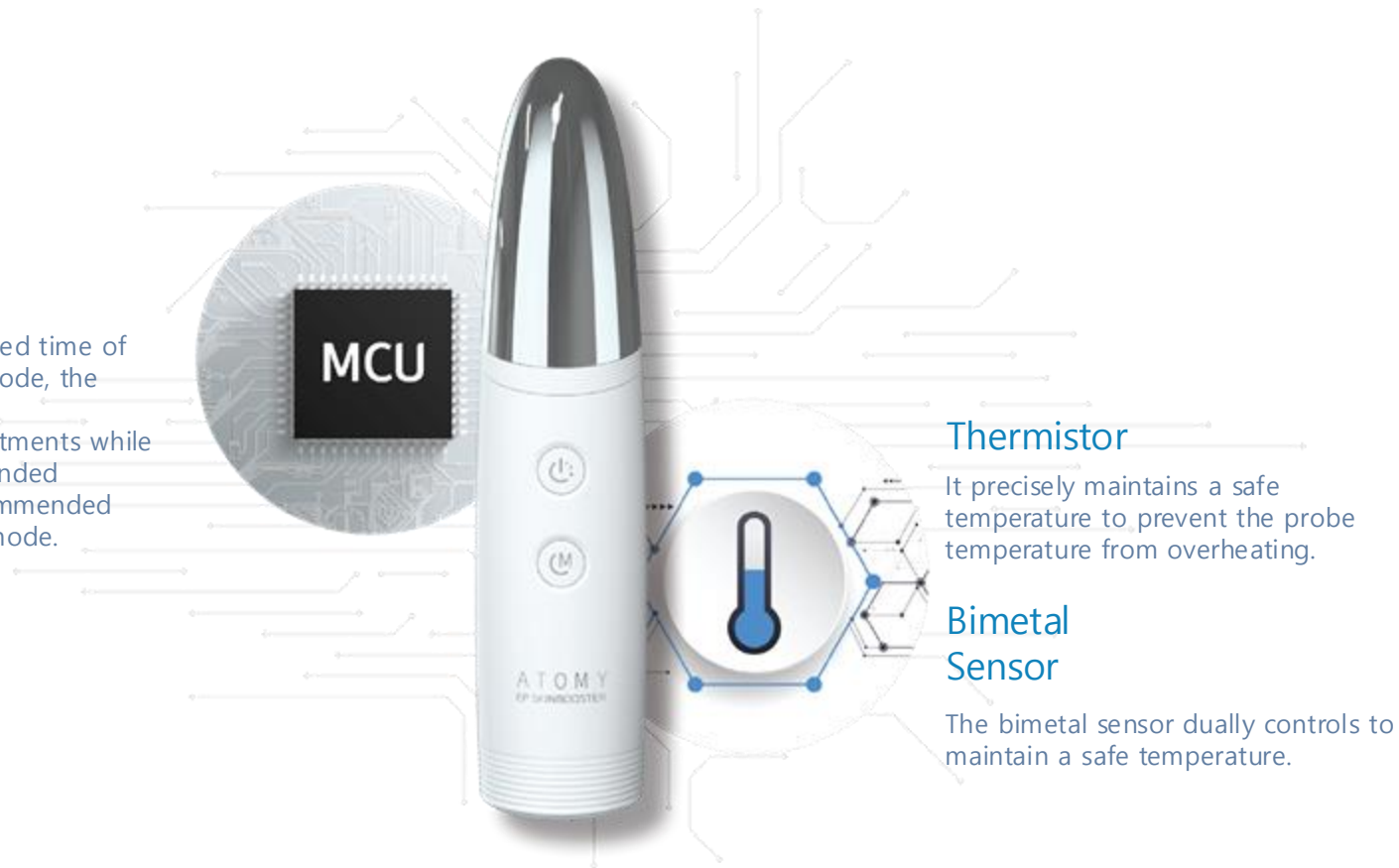
When you make adjustments while using, the time is extended according to the recommended time of use for each mode.

Thermistor

It precisely maintains a safe temperature to prevent the probe temperature from overheating.

Bimetal Sensor

The bimetal sensor dually controls to maintain a safe temperature.



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Precautions



- Use after charging.
- Please use the designated charging cable.
- When it is discharged, the device does not work and the back LED blinks red. In this case, please charge the device.
- It is recommended to remove all metal such as earrings and necklaces before use.
- Please use after applying a cosmetic product.
- The standard time of use of this device is 5 minutes for Blue and Red modes and 2 minutes for White and Purple modes.
- Get used to the device at a low power level and gradually increase the power level.
-
- Discontinue use if redness, itching, or purulent inflammation occurs repeatedly during use. Do not use immediately after shaving, hair removal, or where there are wounds or other abnormal skin reactions.
- Do not use in high humidity or while bathing.
- Be careful of burns. Do not use on one area for too long. It may cause skin irritation.
-
- Please do not use this device for any purpose other than its intended purpose.
- Deformation or discoloration of the device may occur when using products other than the cosmetics recommended for use with this device.
- When using the device on the face of another person, the other hand not holding the handle must be in contact with the other person. In this case, the efficiency of the device may decrease.

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Precautions for Storage



- Make sure to turn off the power when the device is not in use.
- Do not disassemble or damage arbitrarily.
- Do not place the device in a closed car, or near fire or high temperatures.
- Keep out of reach of infants and children, and instruct children to not play with the product.
- When charging is complete, separate the device and the cable before storage.
- Be sure to clean the skin contact area after using the device.

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Precautions for use and storage of the device



- Do not drop the product, apply impact, or place heavy objects on it. This may cause malfunction.
- Do not disassemble or repair the product arbitrarily.
- This product is not waterproof, so keep the product out of direct contact with water.
- If the product falls into water, disconnect the charging cable and immediately air dry or use a fan and check its operation.
- Do not immerse the product in water or wash it under running water. Wipe it clean with a tissue, cotton pad, or soft cloth.
- Do not use an oven, hairdryer, or hot air blower to dry it at high temperatures.
- Do not clean the device with flammable substances such as alcohol, benzene, or thinner.
- Vigorous wiping of the product surface may damage the product.
- Do not poke the gaps of the product with sharp objects, as it may cause malfunction or breakdown.
- Avoid places where heat is generated, such as electric heaters. It may cause a fire.
- Do not use or store the product in high-temperature areas such as in a closed car or areas with a lot of fire.
- Do not store the product in a place with too high or low temperature, or high humidity.
- Do not use it in dusty places, as it may cause a fire.
- When charging, turn off the product and charge it.
- When not using for a long period of time, keep the power turned off.
- Do not use until the battery is completely discharged, but charge it frequently. Frequent full discharge can shorten the life of the product.
- Be sure to use only the provided charging cable.
This device can be carried onboard an aircraft.
- If any problem occurs with this product, stop using it immediately and check the user manual.
- If the product problem persists, please contact the Customer Happiness Center.

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Do not use if you fall under the following categories.



- Infants and children, adolescents under the age of 18, and pregnant women
- Patients with epilepsy and various seizures and cancer patients (especially in the case of skin cancer)
- Those with implantation of a pacemaker, cardiac defibrillator, or similar electrical stimulator, or those with cardiovascular disease
- Those on steroid-based medications
- Dry skin or areas with wounds, or those with skin conditions or diseases such as severe acne, suntan, or infection
- Those with sensitive skin, allergic skin, and special skin constitution
- Areas that have undergone surgery within the last 3 months or have undergone laser or chemical dermabrasion
- Areas that have had dental implants or have metal implants
- If a recovery period of 2 weeks has not elapsed after cosmetic procedures, including chemical or mechanical dermabrasion, laser dermabrasion, fractional laser or mesotherapy procedures, or procedures using other dermal fillers
- Mucus areas (mouth, nasal passages, genitals, ocular mucosa, etc.)
- Those with telangiectasia symptoms
- Fracture sites, endocrine abnormality, sensory nervous system abnormality, high fever

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Product Name	Skincare device [ATOMY EP SKINBOOSTER]
Model Name	ASB-KR21EP
Main Functions	Cosmetic skin absorption promotion through electroporation
Power Level Display	LED levels 1 to 3
Modes	Blue, White, Purple, Red
Output Method	Monopolar output by electroporation
Additional Functions	Vibration motor, heater
Charging Method	USB type C (connect with computer USB port or phone charger)
Recommended Time of Use	Once a day for 5 minutes
Total Number of Uses	20 times (based on once a day use for 5 minutes)
Battery	Built-in Lithium-Polymer 3.7V 1200mAh
Input Power	Over DC 5V, 1A
Charging Time	Approx. 2 hrs., 30 min. (based on using a 5V 1A charger in a discharged state) Make sure to use the included charging cable. Charging time may vary depending on the remaining battery level, ambient temperature, or charging conditions.
Product Composition	Product body, pouch, USB TYPE C charging cable, product manual
Product Size	42.3 mm (W) X 43.92 mm (L) X 183.83 mm (H)
Weight	146 g ±5 g

*This device is a skincare device and not a medical device. In relation to product functions, it does not provide any medical efficacy or effects other than cosmetic effects. This material is not for advertising or promotional purposes, but for the internal training purposes of members.



ATOMY EP SKINBOOSTER APPENDIX

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Patent 1911789
Skin stimulating device for enhancing
penetration of effective ingredients



Main absorption pathway of
iontophoresis (galvanic)

Transdermal iontophoresis: combination strategies
to improve transdermal iontophoretic drug delivery,
Yiping Wang, Rashmi Thakur, Qiuxi Fan, Bozena
Michniak, European Journal of Pharmaceutics and
Biopharmaceutics 60 (2005) 179–191

2.2. *Pathways of molecular transport in iontophoresis*

Skin appendages which include sweat glands and hair follicles are postulated to be involved in the major pathways of drug transport during iontophoresis [4]. Evidence from studies comparing iontophoretic delivery in hairless and regular rats suggests a much larger contribution of the sweat glands and ducts as opposed to hair follicles in permeation [18]. Other pathways which have been shown to be involved in iontophoretic delivery include paracellular transport especially for water and uncharged polar solutes [19], artificial shunts due to temporary disruption of the organized structure of the stratum corneum [20], potential-dependent pore formation has also been observed [17].

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Comparison of absorption pathways
between iontophoresis (galvanic) and
electroporation

Transdermal iontophoresis: combination strategies
to improve transdermal iontophoretic drug delivery,
Yiping Wang, Rashmi Thakur, Qiuxi Fan, Bozena
Michniak, European Journal of Pharmaceutics and
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