

F314A



High Frequency or High Frequency: It is an indispensable tool in the field of aesthetics, due to its multiple utilities and its high effectiveness in facial cleansing protocols. Its use is essential in these treatments and in the treatment of acne, as it reduces inflammation and redness, at the same time as it has a bactericidal action. In addition, in the extraction of blackheads and blackheads, the high frequency has the property of closing the pores that have been opened by the steam and prevents contamination and the proliferation of bacteria. High frequency equipment Indicated for cleansing, revitalising and moisturising, nourishing and oxygenating the skin.

High frequency is an alternating current made up of tempered glass electrodes containing gas (argon or neon). These gases have the property of ionising when subjected to a certain electrical energy. The equipment generates an alternating voltage that is applied to the electrodes, and due to its mechanism of action, when in contact with the skin, it produces electrical sparks outside the skin and ultraviolet radiation, generating the formation of ozone gas, which will be responsible for oxygenating the skin, enriching the tissue, having a bactericidal effect and increasing blood irrigation.

The mode of application is as follows: the electrode is passed over the skin, chin, cheeks, forehead, nose, or at the body level where oxygenation is sought. This equipment not only works for post-cleansing treatments, but is also used to prevent acne breakouts, reduce pore size, reduce darkness and puffiness under the eyes and also slightly heats the tissue helping the penetration of products.

F314A



The high-frequency equipment generates a current that vibrates at high speed, which converts the energy into heat and has the property of killing bacteria. As the vibration is very fast, it does not cause muscular contraction. Among its functions we have:

- It accelerates blood circulation.
- Stimulates glandular activity.
- It facilitates the excretion and absorption of the skin.
- Stimulates metabolism.
- Eliminates bacteria.
- Generates caloric energy within the muscle tissue.
- Facilitates the deep absorption of products into the skin.

Indications

High frequency is not only used for the skin, it is also efficient to rejuvenate the scalp and thus promote healthier hair growth. Cleansing of the skin, acne and oily skin, skin disinfection, decongestion, disinfection of foot injuries, wounds and inflamed skin, cauterisation after the removal of papules and pustules, permeation of active ingredients, revitalisation of the skin, increase of blood circulation in the face and scalp, disinfection of the scalp with seborrhoeic alopecia, post depilation, wound closure, tissue stimulating, fungicidal, bactericidal, healing and oxygenating. High frequency can be used for facial, hair and podiatric treatments. The electrodes differ in size and shape, according to the area to be treated. First choose the appropriate glass electrode and insert it into the nozzle outlet of the handpiece. Then connect it to the equipment.

F314A



High frequency is not only used for the skin, it is also effective in rejuvenating the scalp to promote healthier hair growth.

There are various sizes and shapes of electrodes, depending on the area to be treated. Types of electrodes:

- Mushroom electrode: used for large areas of skin (face, forehead, neck). This is the largest electrode, with a spherical mushroom shape. Used in direct contact with the skin, it generates direct sparks (sizzling) with small touches (effleurage or direct application), gently massaging the skin without detaching the electrode from the skin. It generates a calming and decongestive effect. Used on large areas, face, neck, back, after skin extraction and cleansing, also on the feet after podiatry procedures.
- Scoop-shaped electrode: used for more detailed areas of the face (such as the eye contour). They have a small, pointed tip. Used for medium areas of skin, such as the chin.
- Glass ball electrode: this is the cautery electrode, used in a specific (spot) manner for small areas, such as cauterising a pustule, papule or blackhead. After an extraction, perform homeostasis of the skin after cleaning. Used in direct spark mode for small areas of skin, such as nose.
- Straight glass electrode: used for indirect treatment.

F314A



In addition, high-frequency electrodes work with two different types of light, which are chosen according to the treatment being carried out:

Violet light: composed of argon gas, which gives us an antibacterial effect. Excellent for the treatment of acne and post-cleansing, as it eliminates bacteria and stimulates healing.

Orange light: composed of neon gas, which helps us to activate circulation, promote cell renewal and helps the penetration of products. Excellent for anti-ageing and skin nutrition treatments.

The equipment comes standard with only one type of light, but complementary electrodes can be purchased.

When applying the treatment, the handpiece must be in constant movement, it must not remain fixed on any point and it is recommended that each session lasts a maximum of 5 minutes, no more than once a week.

The application electrode must be sanitised after each treatment with a disinfectant solution, always rubbing gently, never exerting too much pressure.

F314A



Direct use:

Once the desired electrode has been chosen, turn on and set "H/Energy" to minimum.

The skin must be clean and free of any product containing alcohol.

The practitioner should hold the handpiece (avoiding touching the glass electrode at the base or with any metal objects) and gradually increase the "H/Energy" intensity to the client's tolerance.

Then touch the glass electrode to the part of the body to be treated, slowly adjusting the intensity to "Hi-Frequency" until a gentle current is felt, never exceeding the client's tolerance threshold. We can place a finger on the glass electrode to soften the passage of the current. If the face is covered with mask or cream, move the glass tube electrode upwards from the client's neck, slowly up to the chin, face, cheeks, nose and forehead. During treatment, you should slowly adjust "H/Energy" to the appropriate intensity. To start making contact with the client's skin it is recommended to place your finger on the electrode, this will give the client confidence and prevent any unpleasant electric shocks.

The direct use of the high frequency will soothe and calm the skin, generating a warming effect and effectively eliminating bacteria. It is especially used on oily and acne-prone skin.

Once the treatment is finished, slowly reduce the energy to a minimum and turn off the equipment. Move the electrode away from the client's face, never move it away before turning off the equipment.

Indirect use:

The client should take the straight tube electrode and turn on, gradually increase the intensity on "H/Energy" to the desired intensity. The practitioner massages the area to be treated, without touching the electrode. The equipment should be switched off before removing the glass electrode from the client. Indirect applications will accelerate and soothe the skin at the same time.

F314A



Caution:

- The glass electrode will scintillate when less than 1"/2.5 cm away from the skin with the device on, please reduce the intensity of "Hi-Frequency". If the client still feels the scintillation, the face may be covered with a small dry towel or gauze (do not use nylon or synthetic fibres). It should be used on clean skin that does not contain any cosmetic products with flammable active ingredients (alcohol), as the spark it produces could cause a burn. It is important not to prolong the treatment longer than recommended as the effect may be adverse, oxidative and undesirable on the skin.
- To avoid electric shocks, the practitioner should ensure that the intensity is at a minimum before touching the client's face and slowly increase the high frequency energy.
- Before removing the glass electrode from the skin, set the "H/energy" to minimum until it is turned off and then remove the electrode from the skin.
- When inserting and changing glass electrodes, make sure that the power output is set to minimum and "H/energy" is turned off.
- Glass tube electrodes should be kept clean and dry, and should be sterilised before and after each use.

Warnings!

- Clients should not wear metal objects such as jewellery during treatment.
- Pregnant women and people wearing pacemakers (or other similar devices) should not undergo treatment with high frequency. Other contraindications include: cancer, heart disease, sensitivity disorders, epilepsy, decompensated diabetes.
- Creams or masks used in high-frequency treatment must not contain alcohol. If any product containing alcohol has to be used, it may be used after the treatment.
- Do not touch the eyeball or mucous membranes with the electrode.
- It is forbidden to touch the metal outlet of the HF electrotherapy device nozzle or the handle when the device is still switched on.
- Electrodes and equipment must be in good condition for proper operation.

F314A



Yubitzay Avila
Customer Training
T. +34 93 824 9020
y.avila@weelko.com
S. Yubitzay Avila

Weelko Barcelona S. L.
Pol. Ind. La Valldan
Camí de Garreta, 92
08600 Berga
Barcelona – Spain
T. +34 93 824 9020
info@weelko.com
www.weelko.com