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axion 20222

axion 20 Electrodes 5x5 cm for COMPEX Electro-stimulators

Instruction Manual

1. INTRODUCTION AND PRODUCT OVERVIEW

These axion 5x5 cm electrodes are designed for use with TENS and EMS electro-stimulators. They provide effective pain relief and muscle stimulation, suitable for both professional and home use. The electrodes are self-adhesive, reusable, and ensure excellent conductivity for electrotherapy and electrostimulation applications.

Each set includes 20 replacement electrodes, packaged with protective films and resealable bags for optimal storage and hygiene.

2. COMPATIBILITY

These electrodes feature a 3.75 mm snap connector, ensuring broad compatibility with various electro-stimulators.

2.1 Compatible Devices:

- **COMPEX models:** SP 2.0, SP 4.0, SP 6.0, SP 8.0, FIT 1.0, FIT 3.0, MI-FITNESS, FULL FITNESS, MI-SPORT, VITALITY, ENERGY MI-READY, PERFORMANCE MI-READY, SPORT ELITE, MI-SPORT 500, MI-FITNESS TRAINER.
- Chattanooga devices.

2.2 Non-Compatible Devices:

- axion (certain models), Beurer, Sanitas, Omron.

If you are unsure about the compatibility with your specific electro-stimulator, please consult your device's manual or contact customer support.

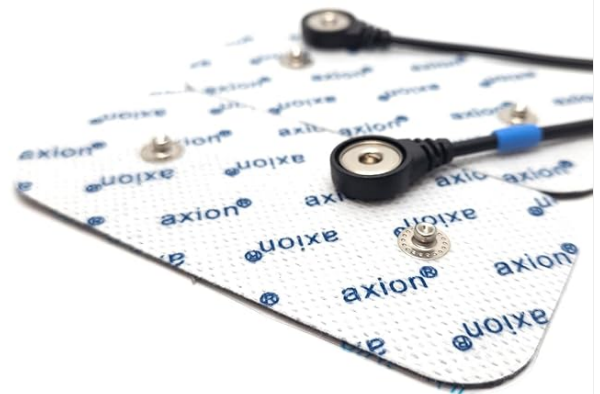


Compatible, entre otros, con dispositivos de:

Compex, Chattanooga

No compatible con dispositivos de:

axion, Beurer, Sanitas,
Omron



Descargo de responsabilidad: La marca axion no está afiliada con las marcas o fabricantes mencionados anteriormente. Los nombres de marca enumerados se utilizan únicamente para indicar la compatibilidad de nuestro producto. Todos los nombres de marca y marcas registradas son propiedad de sus respectivos dueños.

Figure 1: Electrode with 3.75 mm snap connector and compatibility information. This image illustrates the connector type and lists brands that are compatible and non-compatible with these electrodes.

3. PRODUCT FEATURES AND DESIGN

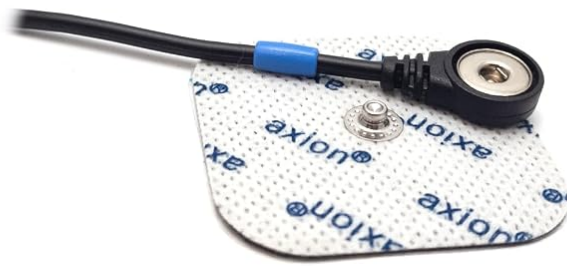
axion electrodes are constructed with multiple layers to ensure optimal performance, comfort, and safety:

- **Soft Insulating Layer:** Provides comfort and protection.
- **Special Carbon Film:** Ensures uniform impulse distribution across the entire electrode surface.
- **Biocompatible Gel Layer:** Applied using an innovative process, this gel provides secure adhesion to the skin, reduces impedance, and is non-irritating.
- **Protective Film:** A removable film that protects the gel layer when not in use, ensuring the electrodes remain fresh and adhesive.

Conector de botón 3,75 mm

Compatible con varios aparatos TENS y EMS especialmente con dispositivos Compex

No dude en consultarnos si no está seguro de la compatibilidad de su aparato electroestimulador



Capa aislante suave

Capa especial de carbono

Capa de gel biocompatible

Lámina de protección

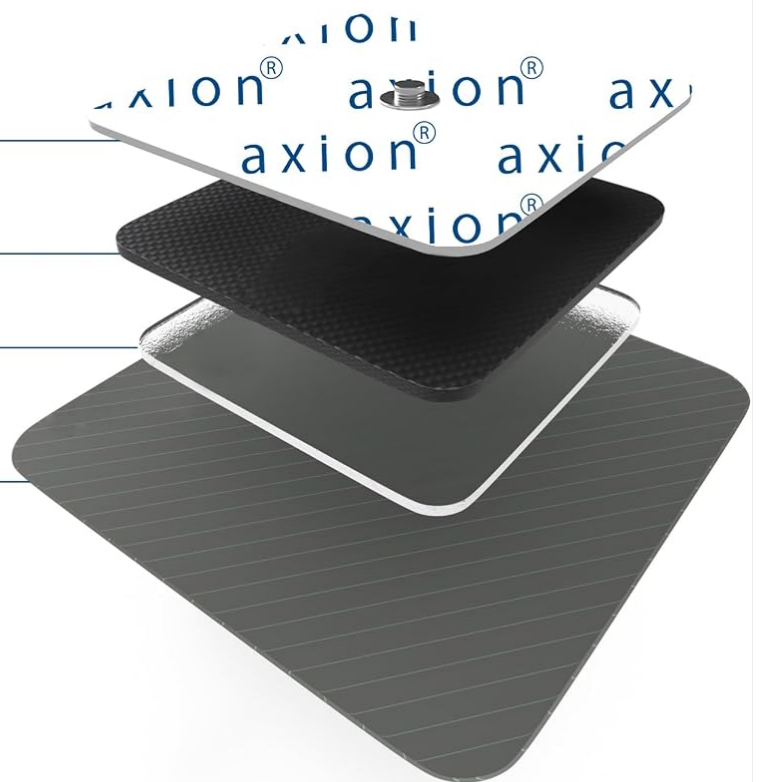


Figure 2: Cross-section view of an axion electrode, detailing its layered construction for effective and comfortable use.

4. SETUP AND APPLICATION

4.1 Preparation:

1. **Clean Skin:** Before applying the electrodes, thoroughly wash the skin area where the session will take place with soap and water. Ensure the skin is dry and free of oils, lotions, or creams to maximize adhesion and conductivity.
2. **Unpack:** The electrodes come in a sealed bag to ensure they are new and unused. Carefully open the packaging.

4.2 Application:

1. **Remove Protective Film:** Gently peel the electrode from its protective film. Retain the film for storage.
2. **Connect:** Attach the snap connector of your electro-stimulator's lead wire to the electrode.
3. **Apply to Skin:** Place the electrode firmly onto the prepared skin area. Ensure full contact to prevent discomfort or uneven

stimulation.

4. **Placement:** Refer to your electro-stimulator's manual or a healthcare professional for recommended electrode placement for your specific therapy or muscle group.

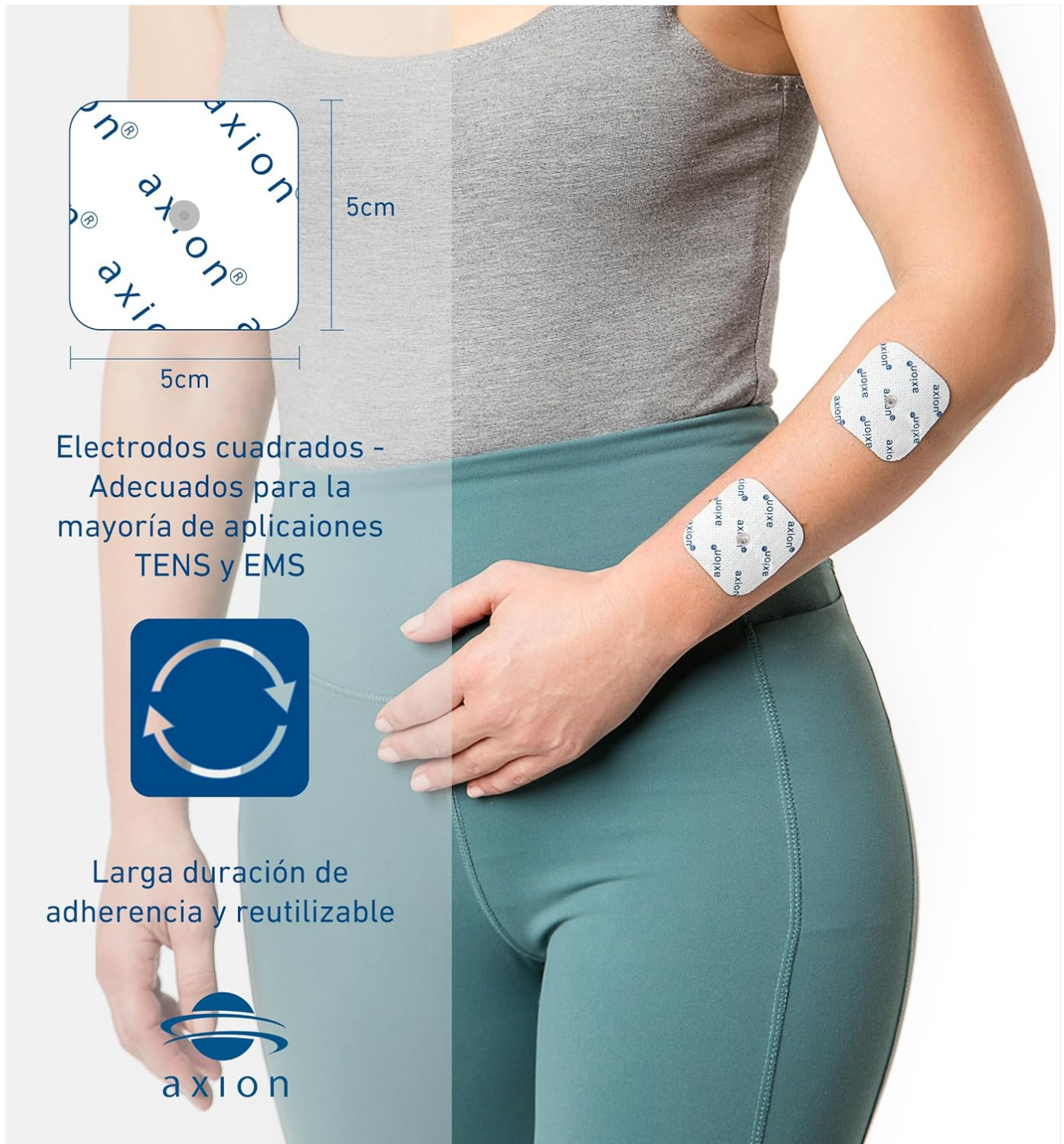


Figure 3: Example of electrode placement on the forearm. Electrodes are square, 5x5 cm, and suitable for various TENS and EMS applications.

The image shows a person from the back, wearing a grey tank top and teal leggings. Four Axion electrodes are applied to the lower back in a 2x2 grid. Two more electrodes are applied to the upper arm, one on each side. The electrodes are white with a grid pattern and the Axion logo. A semi-transparent grey box with text is overlaid on the center of the image.

Aplicación versátil para TENS y EMS

Estos electrodos de alta calidad son adecuados para el tratamiento de alivio del dolor sin medicamentos, así como para la estimulación muscular eficaz durante el entrenamiento o la rehabilitación en entornos profesionales y en casa



Figure 4: Versatile application of electrodes on the back for TENS and EMS therapy. These electrodes are suitable for pain relief and muscle stimulation.

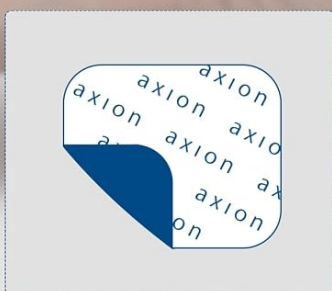
5. MAINTENANCE AND STORAGE

Proper care and storage will extend the lifespan and effectiveness of your electrodes:

- **Reapply Protective Film:** After each use, carefully remove the electrodes from your skin and reapply them to their original protective film.
- **Reseal Bag:** Store the electrodes with their protective films in the resealable bag provided. This prevents drying and contamination.
- **Cleanliness:** Ensure the skin is clean before application to prevent debris from accumulating on the gel, which can reduce adhesion.
- **Cool Storage:** Storing electrodes in a cool environment, such as a refrigerator, can help prolong their adhesive properties.
- **Avoid Extreme Temperatures:** Do not expose electrodes to direct sunlight or extreme heat, as this can damage the gel.



Los electrodos vienen en una bolsa sellada, para que usted tenga la seguridad de recibir siempre electrodos nuevos y sin usar



Los electrodos se pueden almacenar en la lámina protectora entre usos



Figure 5: Electrodes are supplied in a sealed bag and can be stored on their protective film between uses to maintain adhesion and hygiene.

5.1 Enhancing Conductivity:

For enhanced conductivity and to potentially extend electrode life, a specialized contact gel can be used. Apply a small amount of gel to the electrode surface before application.



Figure 6: Applying contact gel to an electrode. Contact gel can be used as an ideal complement to improve conductivity.

6. TROUBLESHOOTING

6.1 Loss of Adhesion:

If electrodes begin to lose their adhesive properties or peel off during use, consider the following:

- **Skin Preparation:** Ensure the skin is thoroughly cleaned and dry before each application. Residues from lotions, oils, or sweat can significantly reduce adhesion.
- **Storage:** Verify that electrodes are stored correctly on their protective film in a sealed bag and in a cool environment. Improper storage can cause the gel to dry out.
- **Electrode Lifespan:** Electrodes have a limited lifespan, typically lasting for several uses (e.g., 8-10 applications) depending on skin type, preparation, and storage. If adhesion is consistently poor despite proper care, it may be time to replace them.

6.2 Uneven or Weak Stimulation:

If you experience uneven or weak stimulation, check the following:

- **Full Skin Contact:** Ensure the entire surface of the electrode is in firm contact with the skin.
- **Lead Wire Connection:** Verify that the snap connector is securely attached to the electrode.
- **Electrode Condition:** Inspect electrodes for any damage or excessive dryness. Replace if necessary.

7. SPECIFICATIONS

Model Number	20222
Electrode Dimensions	5x5 cm (square)
Connector Type	Snap connector, 3.75 mm
Package Dimensions	17.9 x 12.8 x 1.6 cm
Package Weight	90 g
Quantity	20 electrodes per pack
Country of Origin	China

8. SAFETY INFORMATION AND WARNINGS

- **Medical Advice:** Always consult a healthcare professional before starting any electrotherapy treatment.
- **Skin Integrity:** Do not apply electrodes to broken, irritated, or sensitive skin.
- **Sensitive Areas:** Avoid placing electrodes over the heart, on the head, or near the carotid sinus (front of the neck).
- **Children and Pets:** Keep electrodes and electro-stimulators out of reach of children and pets.
- **Device Compatibility:** As noted in Section 2, these electrodes are not compatible with Sanitas or Beurer electro-stimulators. Using them with incompatible devices may lead to ineffective treatment or device malfunction.
- **Single Patient Use:** For hygiene and effectiveness, electrodes are intended for single-patient use.

9. WARRANTY AND SUPPORT

axion GmbH is a German company with over 15 years of experience in the industry, committed to providing high-quality, medically certified products. While specific warranty details are not provided in this manual, axion stands by the quality of its electrodes. For any questions, concerns, or support regarding your axion electrodes, please refer to the contact information provided with your purchase or visit the official axion website for customer service details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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