

Information brochure

Armon Elemento



Company Profile

Armon Products, a registered brand of Microgravity Products B.V. is a leader in qualitative and advanced arm supports.
Head office: Rotterdam, The Netherlands

Microgravity Products (MG) Microgravity Products is a young, dynamic company with as specialism designing weight compensation devices.

Microgravity Products develops its own products, and collaborates with institutions like the Delft University of Technology.

The goal of the company is to make devices that make an important difference in the quality of life of the users.
Therefore Microgravity Products is constant developing new aids.

Armon products distinguish itself from other products because of the functionality and design.

Our three core values emphasize the following: **functionality**, **design** and **innovation**.

Armon Elemento module

At the end of the module you will have a better understanding of:

- (1) What an Armon Elemento is
- (2) FAQs



(1) The Armon Elemento

The **Armon Elemento** is an **arm support**, especially designed for those who only have limited strength in their arms and hands, or for those that can only use their muscular strength for a limited time. This can be the result of a spinal cord injury, RSI /CANS, cerebral infarction, or one of the many muscular diseases.

The Armon Elemento compensates the full weight of the arm by a spring compensation system. The user decides how much support he/she wants when using the Armon Elemento. The degree of compensation easily adjustable by using buttons. The Armon Elemento follows the natural movement of the user, this allows the arm to move easily in all directions. The Armon Elemento distinguishes itself from similar products because, unlike many other product, the user decides the control. The user makes the movement and not the device.

What does the Armon Elemento have to offer?

The Armon Elemento is suitable for persons with physical disabilities. The Armon Elemento makes sure that the user can perform daily operations and activities without using muscle strength and energy.

Armon Elemento makes it possible to:

- Eat and drink
- Shake hands
- To carry out activities of daily living such as combing hair or washing your face.
- Grab something high or low

The Armon Elemento is suitable for the following **situations/diseases**:

- ✓ Amyotrophic lateral sclerosis (ALS)
- ✓ Spinal muscular atrophy (SMA)
- ✓ Multiple Sclerosis (MS)
- ✓ Rheumatism
- ✓ After breast surgery
- ✓ After a stroke
- ✓ Spinal cord injury
- ✓ General back and shoulder pain
- ✓ RSI
- ✓ CANS

Benefits:

- Illuminates existing complains
- Reduces static muscle tone
- Gives a comfortable feeling
- Improves posture
- To perform daily activities independently, more independence
- To control the degree of compensation

Marks of Armon Elemento:

- Suitable for both left and right handed users
- Available in black
- The brace (the part where the forearm rests) is available in different sizes
- Functionality combined with design
- Mounted on wheelchair or tripping chair
- Splashproof performed



(2) FAQs

1. Who can use the Armon Elemento ?
2. How does the Armon Elemento works?
3. How is the Armon Elemento placed?
4. Is it possible to try the Armon Elemento ?
5. Are there different versions of the Elemento ?

1. Who can use the Armon Elemento ?

The **Armon Elemento** is an arm support, especially designed for those who only have limited strength in their arms and hands, or for those that can only use their muscular strength for a limited time. This can be the result of a spinal cord injury, RSI /CANS, cerebral infarction, or one of the many muscular diseases.

The Armon Elemento has many application domains such as:

- People with RSI/CANS, paraplegia, stroke or one of many muscle diseases.

2. How does the Armon Elemento Works?

The **Armon Elemento** is electrically driven and consists a balance mechanism and weight compensation system. The user can set the amount of weight compensation by buttons. The **Armon Elemento** compensates the weight of the arm and naturally follows every movement. The arms are continually supported and the load of the shoulders, the neck and the back is substantially less. Movements are supple, take little strength and little energy. This is why the **Armon Elemento** can be used for a long stretch of time.

3. How is the Armon Elemento placed ?

The Armon Elemento can be placed on a wheelchair or tripping chair.

4. Is it possible to try the Armon Elemento ?

If you are interested please contact us through info@armonproducts.com

5. Are there different versions of the Elemento?

The Armon Elemento is available for both left and right handed users and in two enforcements, (basic and light). The 'basic' compensates between 0,9 and 4,5 kg and the 'light' compensates 0,6 and 2,5 kg.

With the Armon Elemento control buttons, the user decides the weight compensation.

The brace (the part where the forearm rests) is designed in a way that it supports every position. There are three different braces. Every brace is available in the sizes (M, L, XL) and possibly with palm rest.

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