

ARMON PRODUCTS

ELEMENTO



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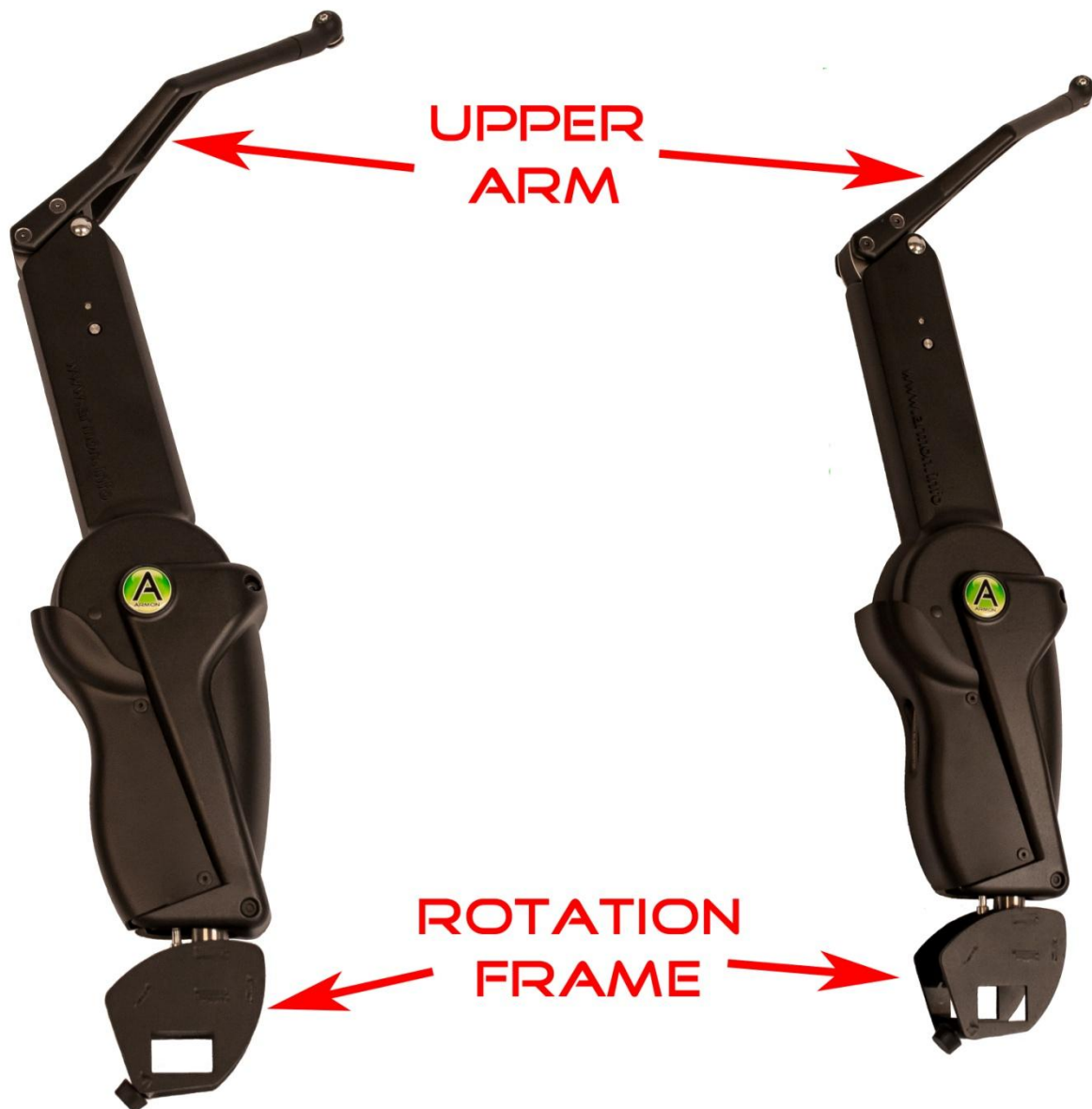
In general

The Elemento can compensate an arm weight from 900 gram up to 4500 gram.
The Elemento light can compensate an arm weight from 600 gram up to 2500 gram.
The weight compensation is electronically steplessly adjustable through the controls.
It is possible to mount other types of Armon braces.

Weights:

Elemento:	6160 gram
Elemento including Universal Connector and Basic Brace:	6910 gram
Universal Connector	350 gram
Complete Elemento set in box:	9910 gram

Parts of the Pura



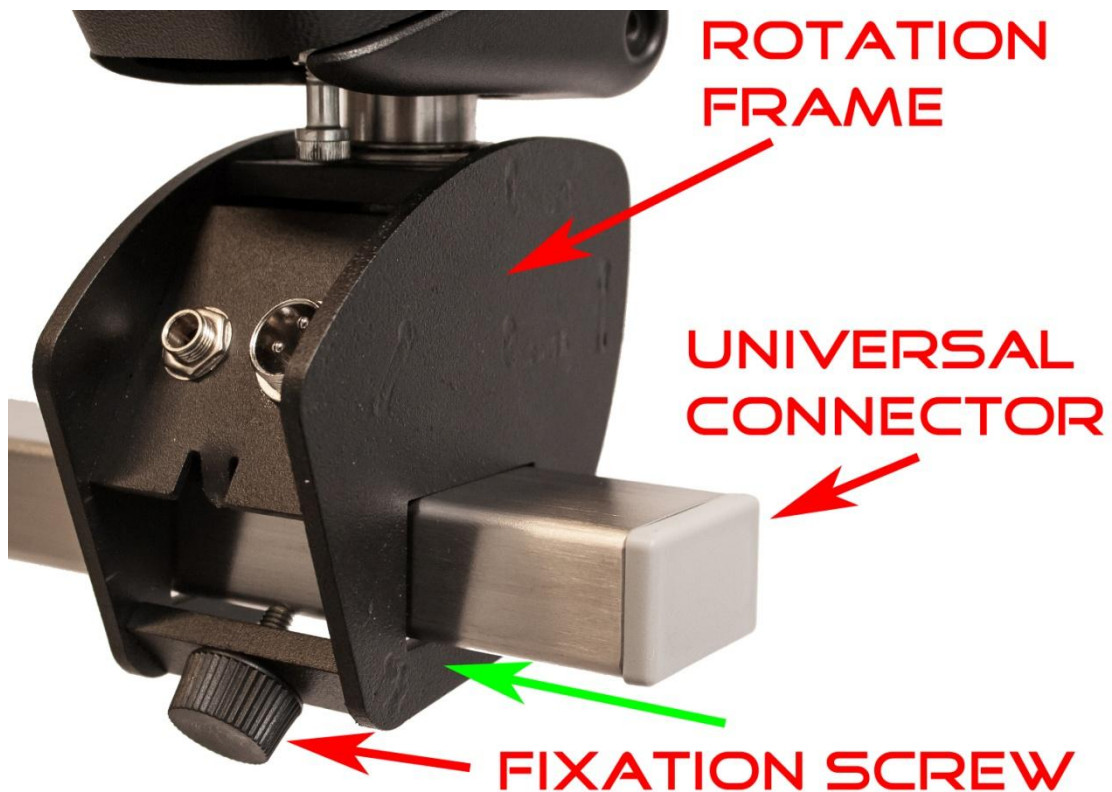
Mounting of the Elemento

The Armon Elemento can be mounted with the Universal Connector. The Elemento will be mounted in, 95% of the cases, on an electrical work chair or an electrical wheelchair. Because these work chairs and wheelchair are all different, an individual frame has to be made for every client. On the end of this frame you can weld the Universal Connector.



The Universal Connector is a piece of rectangular stainless steel pipe. Dimensions: 40 mm x 25 mm x 20 cm.

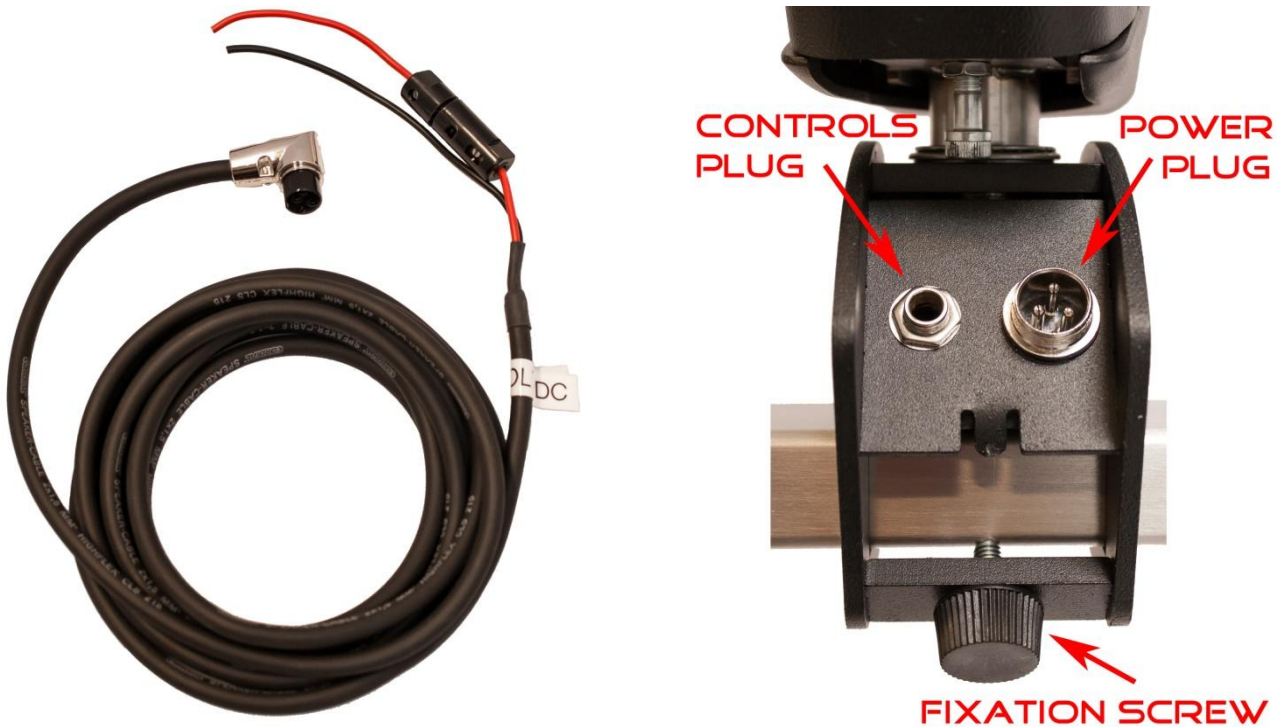
You can slide the rotation frame of the Elemento on to the Universal Connector. Then you can fixate it on the right position by turning the fixation screw in clockwise direction.



Placing the power cable

The Elemento is an electrical driven armsupport. The Elemento has to be connected to a 24 volt battery. This can be the battery of a work chair, an electrical wheelchair or another 24 volt battery.

The power cable has a plug at one end that goes into the Elemento and two wires at the other end to connect to the battery. Red is positive, black is negative. The positive wire has a fuse. Make sure this is connected.



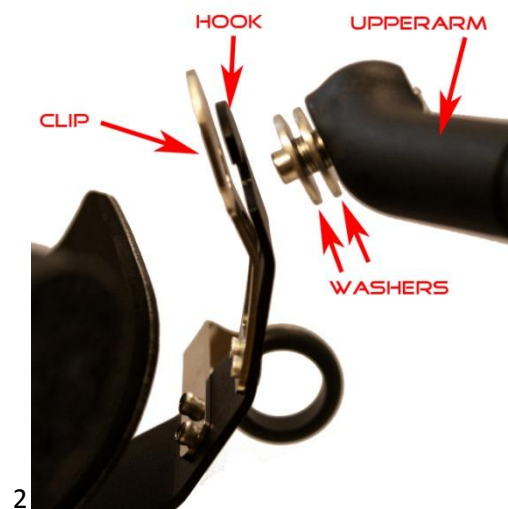
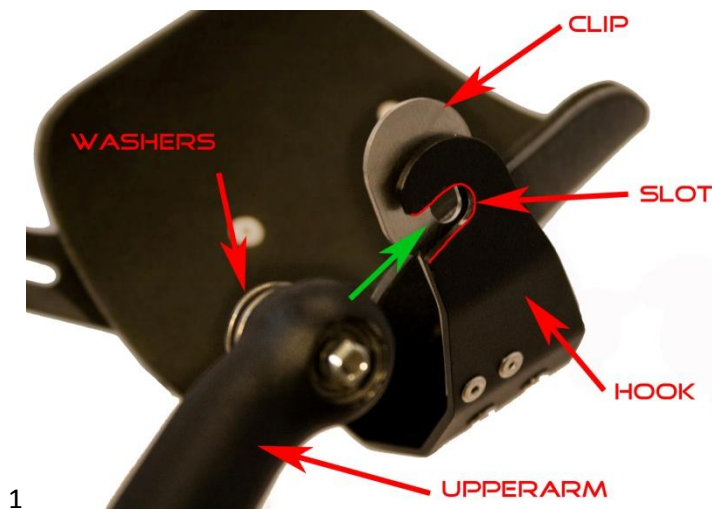
Placing the controls cable

You can adjust the level of compensation with the controls. The controls cable has a plug on one end that goes into the Elemento and the controls on the other end.



Attaching the brace

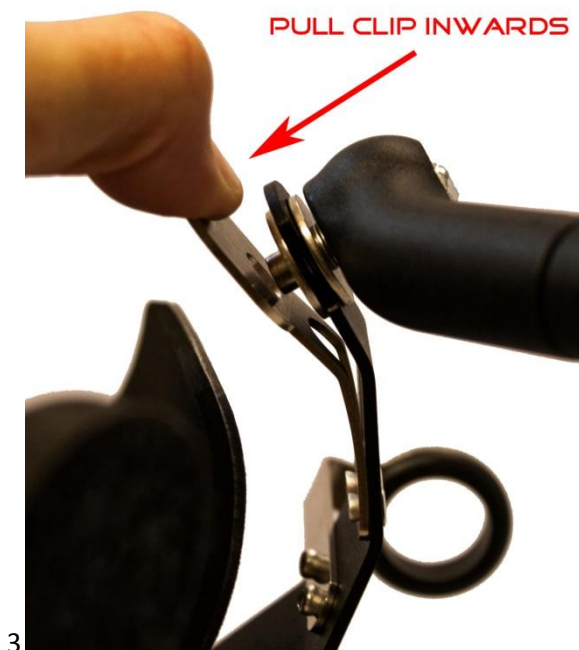
All our braces are exchangeable between all our arm supports. You can easily attach and detach them. See the pictures and explanation below.



1/2 The upper arm should slide into the slot of the hook of the brace in the direction of the green arrow.

3 Pull the clip inwards to slide the hook of the brace between the two washers of the upperarm.

4 Make sure the clip locks over the head of the bolt. The head of the bolt should be visible through the clip.



Placing the arm

Place the arm in the brace in the following way:



- The underarm should lay in the brace
- The upper arm should be placed against the upper arm support, not far above the elbow.
- The elbow should be free.
- The upper arm support consists out of non allergic rubber with a stainless steel frame in it that can be bent in any direction so that it is the most comfortable for the user

Adjusting the force

You can adjust the level of compensation (force) of the Elemento steplessly, to compensate the weight of every arm. This can be done with or without the arm placed in the Elemento.

You adjust the force using the controls. Dimensions of the controls: length width height: 40 x 40 x 25 mm. The controls (without cable) weigh approximately 50 gram. Thereby it is easy to mount it somewhere by using velcro.



The controls has two buttons:

- One dot: more compensation
- Two dots: less compensation

Changing the upper arm.

By changing the upper arm you can make a left Elemento of a right one and vice versa. You do this by changing the upper arm. Follow these steps:

1. Make sure that the Elemento is in its lightest position, so it gives the least weight compensation.
2. Pull the upper arm down, the hole for the fixation pen will appear.
3. Place the fixation pen through the hole, so it comes out at the other end.
4. When the pen is in place like in the pictures below, release the upper arm.
5. You can now unscrew the two bolts in the upper arm. Use allen key 4 mm.
6. Replace the upper arm, and screw the bolts back in. Make sure they're firmly fastened.
7. Pull the upper arm down and take out the fixation pen.

FIXATION PEN



HOLE FOR FIXATION PEN



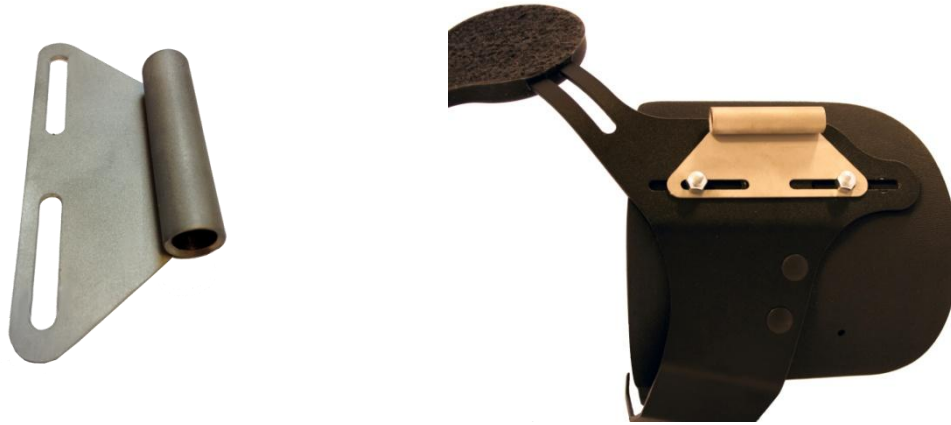
BOLTS



Brace Fixation

With the brace fixation you can 'park' an arm support. You do this by sliding it over a pen.

The brace fixation is a part that you can easily attach to any brace. It consists out of a stainless steel plate with a stainless steel tube (inner diameter 7mm) welded to it. You can slide the brace fixation over a pen. For the pen you can use round stainless steel from 4 up to 6 mm diameter.



An example of a Pura mounted to a work chair. But you can also 'park' an Elemento to an office chair, a manual or electrical wheelchair. The user can park the Pura using the Brace fixation in combination with a pen mounted to his armrest. The brace fixation is on the inside of the brace.

