

HIGH PRECISION POSITIONING AIDS FOR ARMS AND SHOULDERS

SHOULDER POSITIONING SYSTEM



Article No. : **32042**

A. GENERAL PRODUCT INFORMATION

The product referred to in these instructions is a medical device used for patient positioning and immobilization in radiation therapy.

This product may only be used in combination with Orfit immobilisation products. Orfit prohibits the use of unauthorised third-party products in conjunction with its own products.

B. PRODUCT DESCRIPTION

This HIGH PRECISION SHOULDER POSITIONING SYSTEM is used in combination with THE AIO SOLUTION® and IMRT BASE PLATES, head and head & neck base plates in order to pull the shoulders down whilst making a 4 or 5-point EFFICAST® head & shoulder mask. In this way the shoulders will not block the incoming beams when treating the neck area of the patient. This device can also be positioned on a standard two pin lock bar.

C. FIXATION

D.1. Fixation on a base plate (Art. No. 32301 or 32150)

Use the two included screws to mount the shoulder positioning bar on the caudal end of the base plate.



If an adapter plate for a two pin-bar (Art. No. 35747/4 or 35747/8) and the shoulder retractor are used at the same time, hold the adapter plate against the base plate first and then add the shoulder positioning bar. Attach the 2 devices to the base plate with the included screws.

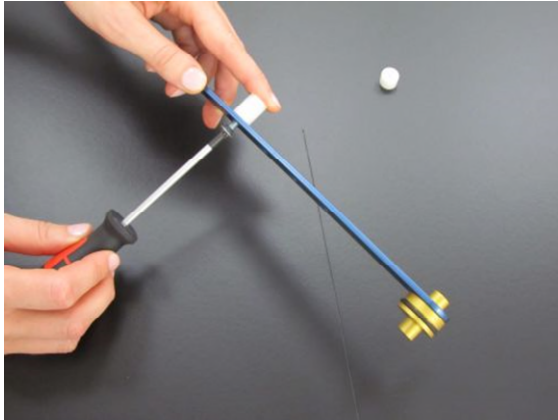


D.2. Fixation on a two-pin lock bar

The device has two holes that fit exactly on the pins of a standard two-pin lock bar.



1. Two white pins (higher than the standard pins) are included in the package to prevent the shoulder bar from snapping off the two-pin bar.



2. Replace the normal white pins with the included large pins.



3. Place the shoulder bar over the two-pin bar, and make sure the engraving on the shoulder positioning bar is facing upwards.

D.3. How to use on a patient

Loosen the straps to maximum length and open the wristband. Attach the band around the patient's wrist and close. While pushing the patient's shoulder downwards, pull the strap and lock. Verify, by using the centimetre scale, that both sides are pulled down with approximately the same strength. Mould the mask and wait until fully set, then remove the wristbands. They are no longer needed during the actual treatment as the mask takes over the task of keeping the shoulders out of the beam pathway. The sequence of the next pictures shows the whole process of applying the shoulder retractor:



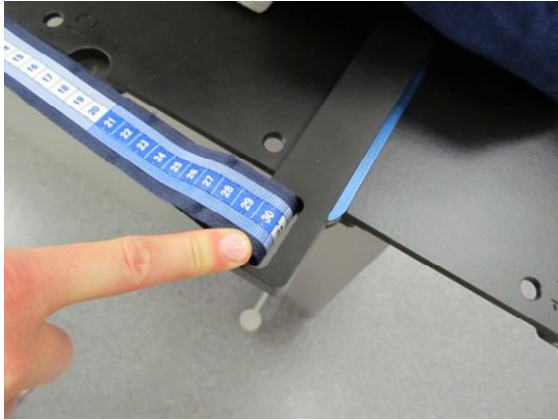
1. Loosen the strap on the shoulder positioning bar and open the wristband.



2. Close and lock the wristband.



3. Tighten the strap to pull the shoulder down while pushing the shoulder in the caudal direction.



4. Check the centimetre scale and then mount the other side with the same indication for a symmetrical position.

D. STORAGE

Always store the product in a safe place to prevent it from getting damaged or falling onto other objects.

Store the product between +10 °C (50 °F) and 40 °C (122 °F).

E. PROPERTIES

F.1. Basic Physical Properties

The following physical properties apply to these units:

Dimensions: L 634 mm x W 18 mm x H 29 mm
Weight: 0.48 kg

F.2. Mechanical Properties

The central bar of the SHOULDER POSITIONING SYSTEM itself is made of POM, the screws are made of metal and the straps of fabric. This provides the necessary strength to hold the shoulder down with the patient in the supine position.

F. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of soapy water or an isopropanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.**

Periodic checks of the product should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns.

The product can be disposed of with household waste.

G. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website www.orfit.com.

Note:

It is prohibited to make alterations to this text without prior approval from Orfit Industries.
THE AIO SOLUTION[®] is a registered trademark of ORFIT INDUSTRIES N.V.



ORFIT INDUSTRIES
Vosveld 9A | B-2110 Wijnegem | Belgium
T (+32) (0)3 326 20 26
welcome@orfit.com

www.orfit.com



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