

THE AIO SOLUTION® 3.0 CUSHION COMPATIBILITY SET FOR AIO 2ND GENERATION AND SBRT LONG BASE PLATE

Article No. : **38017** **38233** **38234**
 38231 **38107/5** **38107/6**

A. GENERAL PRODUCT INFORMATION

These products are medical devices used for patient positioning and immobilisation in radiation therapy. These products can be used during both the simulation and treatment stage.

These products may only be used in combination with other immobilisation and positioning devices produced by Orfit. Orfit prohibits the use of unauthorised third-party products in conjunction with its own products.

B. PRODUCT DESCRIPTION

The AIO 3.0 CUSHION COMPATIBILITY SET allows use of AIO 3.0 cushions on AIO 2nd generation base plates and on the SBRT Long Base Plate. The set is used in combination with the Raycast® High Precision Head Supports and Blocks & Wedges, and with the Efficast® Pre-cuts to form a reproducible patient positioning and immobilisation device in the field of radiotherapy. Information on these other parts and instructions on how to make the masks can be found in the respective 'instructions for use' and on www.orfit.com.

C. PRECAUTIONS FOR USE

These are fragile products, please handle with care. More information on how to fix these base plates to a couch top can be found in the 'instructions for use' of the fixation devices.

D. STORAGE

Always store the products in a safe place to prevent them from getting damaged or falling onto other objects. Store between +10°C (50°F) and 40°C (104°F).

E. COMPONENTS

38017 – AIO 3.0 – Secondary base plate for AIO 2nd Gen and SBRT Long Base Plates

The secondary base plate allows the use of 4-points lung and thorax masks, 5-points asymmetric breast masks and 6-points thorax masks in combination with the blue AIO 3.0 breast- & lung immobilization cushions. The secondary base plate has 3 positioning knobs on the bottom that fit into the AIO 2nd generation base plates and SBRT long base plate. The secondary base plate cannot be indexed directly onto the simulation and treatment couch, nor on the AIO 3.0 5° and 10° wedge. Always verify that the secondary base plate is correctly positioned and indexed.

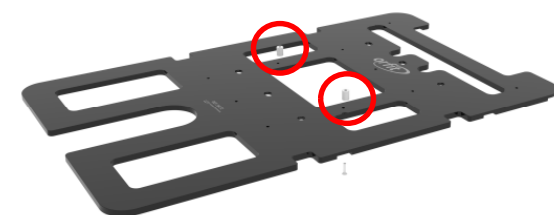
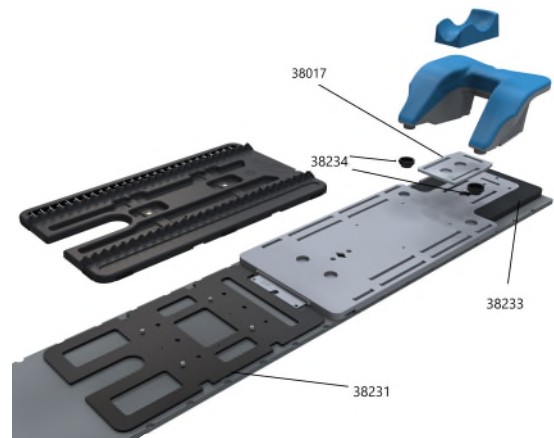


38231 – AIO 3.0 – Elevation plate for leg indexing frame

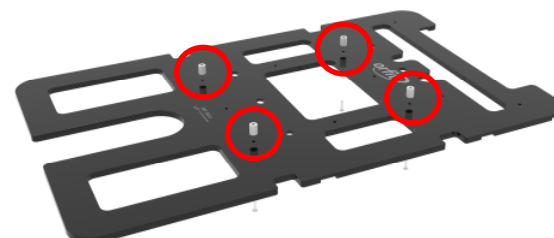
The AIO 3.0 Elevation plate for a leg indexing frame is used to level a leg indexing frame (Art. No. 38210 and 38204) and accompanying knee and foot supports (Art. No. 38126, 38127, 38128 & 38206) with the AIO 2nd gen base plate.

The elevation frame comes with 1 set (for 38204) or 2 sets (for 38210) of pins, that connect the frame to the leg indexing frame.

See pictures below for instructions on attachment.



For leg indexing frame 38204

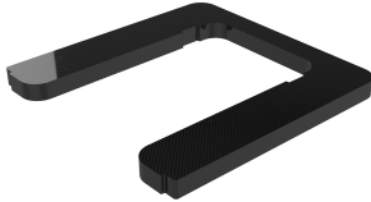


For leg indexing frame 38210

38233 – AIO 3.0 – Support frame

The support frame contours the cranial part of the AIO 2nd gen and SBRT long base plate. The support frame offers an additional support for the AIO 3.0 Arm rests (Art. No. 38100 & 38106) and AIO 3.0 wedges (Art. No. 38102 and 38103).

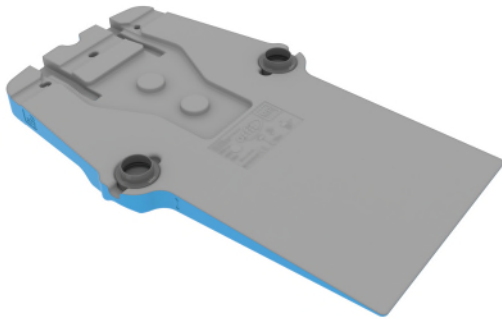
Caution: the support frame is not indexed on the couch or on the base plate.



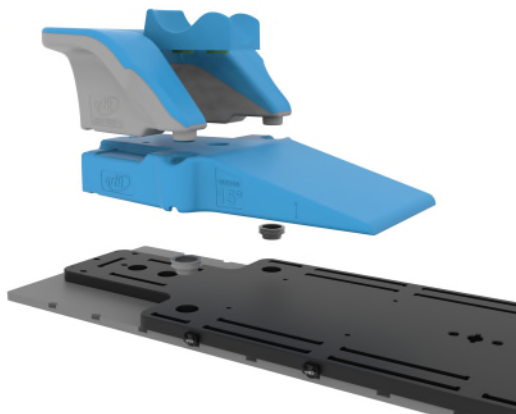
38234 – AIO 3.0 – Indexing knob for Arm Rests & Wedge 5° and 10°



The 5° and 10° wedge cushions (Art. No.38103 & 38102) can be indexed by inserting the widest part of the indexing knobs into the holes provided on the bottom side of the cushions.



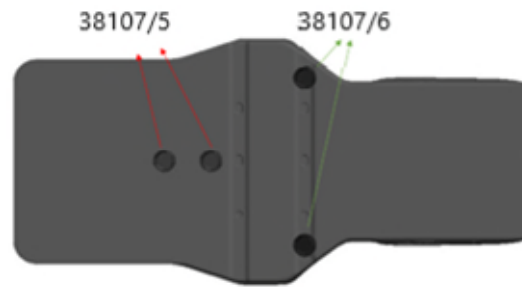
The protruding part of the indexing knobs will fit into the positioning holes provided in the AIO 2nd generation and SBRT long base plates



The knobs are also used when using the Arm Rest (38100 and 38106) on the base plate directly. In this case, the knobs are positioned into the holes in the base plate, wherein the Arm Rest will then be positioned.

38107/5 – AIO 3.0 – Belly & Pelvic Indexing knob cranial & 38107/6 – AIO 3.0 – Belly & Pelvic Indexing knob caudal

The Base cushion (Art. No. 38107) can be indexed by screwing the indexing knobs (Art. No. 38107/5 & 38107/6) into the holes provided on the bottom side of the cushion. Indexing knobs 38107/5 are used at the cranial end of the base cushion and indexing knobs 38107/6 are used at the caudal end of the base cushion as shown in the picture.



The protruding part of the indexing knobs will fit into the positioning holes provided in the AIO 2nd generation and SBRT long base plates.

F. PROPERTIES

38017 – AIO 3.0 – Secondary base plate for AIO 2nd gen

Physical properties:

This plate is made of fibre glass laminate.

Dimensions: L 285 mm x W 200 mm x H 22 mm

L 11.22" x W 7.87" x H 0.87"

Weight: 0.3 kg/ 0.7 lbs



This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MR safe.

Mechanical properties:

The AIO 3.0 Secondary base plate for AIO 2nd gen is made of materials which keeps its dimensions overtime and under conditions of frequent use.

38231 – AIO 3.0 – Elevation plate for leg indexing frame

Physical properties:

This plate is made of HPL.

Dimensions: L 817 mm x W 492 mm x H 10 mm

L 32.17" x W 19.37" x H 0.39"

Weight: 3.58 kg/ 7.89 lbs



This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MR safe.

Mechanical properties:

The AIO 3.0 Secondary base plate for AIO 2nd gen is made of materials which keeps its dimensions overtime and under conditions of frequent use.

38233 – AIO 3.0 – Support frame

Physical properties:

This plate is made of carbon fibre laminate.

Dimensions: L 433 mm x W 424 mm x H 30 mm

L 17.05" x W 16.69" x H 1.18"

Weight: 0.48 kg/ 1.06 lbs



This product is MR unsafe and cannot be used in a MRI scanner.

Mechanical properties:

The support frame is not attached to the base plate. The support frame can't be used in overhang.

38234 – AIO 3.0 – Indexing knob for Wedge 5° and 10°

Physical properties:

Dimensions: Ø 68 mm x H 29.5 mm

Ø 2.67" x x H 1.16"

Weight: 0.02kg/ 0.04 lbs



This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MR safe.

Mechanical properties:

The AIO 3.0 indexing knob for cushions is made of a material which keeps its dimensions overtime and under conditions of frequent use.

Dosimetric properties:

This product is made of a high density material and is not intended to treat through. The product is not located in the treatment area.

38107/5 – AIO 3.0 Indexing knob Cranial

Physical properties:

Dimensions: Ø 51 mm x H 35 mm

Ø 2.01" x H 1.38"

Weight: 0.03 kg / 0.07 lbs



This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MRI safe.

Mechanical properties:

The AIO 3.0 Indexing knob Cranial is made of a material which keeps its dimensions overtime and under conditions of frequent use.

Dosimetric properties:

This product is made of a high density material and is not intended to treat through. The product is not located in the treatment area.

38107/6 – AIO 3.0 Indexing knob Caudal

Physical properties:

Dimensions: Ø 51 mm x H 31 mm

Ø 2.01" x H 1.22"

Weight: 0.025 kg / 0.06 lbs



This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MRI safe.

Mechanical properties:

The AIO 3.0 Indexing knob Caudal is made of a material which keeps its dimensions overtime and under conditions of frequent use.

Dosimetric properties:

This product is made of a high density material and is not intended to treat through. The product is not located in the treatment area

G. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of 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.** Further cleaning instructions can be found in the [Orfit Cleaning Guidelines](#).

Periodic checks of these products 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.

These products can be disposed of with household waste.

H. 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:

THE AIO SOLUTION® is a registered trademark of Orfit Industries.



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