

# RAYCAST® HIGH PRECISION BASE PLATES

## HIGH PRECISION BREAST- & LUNGBOARD SOLUTION - SECONDARY BASE PLATE IN HIGH PRESSURE LAMINATE



AIO SOLUTION® code: **P-SE-HD**  
Article No. : **35754/6N**

### A. GENERAL PRODUCT INFORMATION

The product referred to in these instructions is a medical device used for patient positioning and immobilisation in radiation therapy. This high density base plate can be used during simulation, including MRI simulation.

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

### B. PRODUCT DESCRIPTION

This high pressure laminate SECONDARY BASE PLATE is an element of the "BREAST & LUNGBOARD PACKAGE". It is used in combination with THE AIO SOLUTION CUSHIONS, the RAYCAST HIGH PRECISION HEAD SUPPORTS and BLOCKS & WEDGES, and with the EFFICAST PRE-CUTS to form a reproducible patient positioning and immobilisation system. 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](http://www.orfit.com).

### C. PRECAUTIONS FOR USE

This base plate has positioning knobs on the bottom that fit into the positioning holes on top of the cushions THORAX & ABDOMEN WEDGES 0°, 5°, 10° and 15°.

The positioning knobs can be screwed out and then the baseplate can be used for head & neck immobilisation. In that case, always place the base plate on a flat surface. Always fix the base plate securely to the treatment couch before positioning a patient. More information on how to fix this base plate to a couch top can be found on our website <http://www.orfit.com/en/fixation-devices/>.

When handled roughly, it may get damaged and splinters may come off. When this happens, stop using the base plate to prevent splinters from getting in contact with the patient's or user's skin. Contact your distributor.

A patient set-up form is available on the Orfit website: <https://www.orfit.com/app/uploads/Head-and-Neck.pdf>

### D. STORAGE

Always store the product in a safe place to prevent it from getting damaged. Prevent hard objects from falling onto the plate. Store the base plate between +10°C (50°F) and 40°C (122°F).

### E. PROPERTIES

#### E.1. Physical Properties

Dimensions: L 291.5 mm x W 200 mm x H 12 mm  
Weight: 0.88 kg

#### E.2. Dosimetric Properties

Attenuation (± 0.15 %)		Skin build-up (± 0.1 mm) mm H <sub>2</sub> O equiv.
6 MV	15 MV	
4.90 %	4.00 %	17 mm

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.

#### E.3. Material Properties

This plate is made of High Pressure Laminate (HPL)

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



### 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](http://www.orfit.com).

#### Note:

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