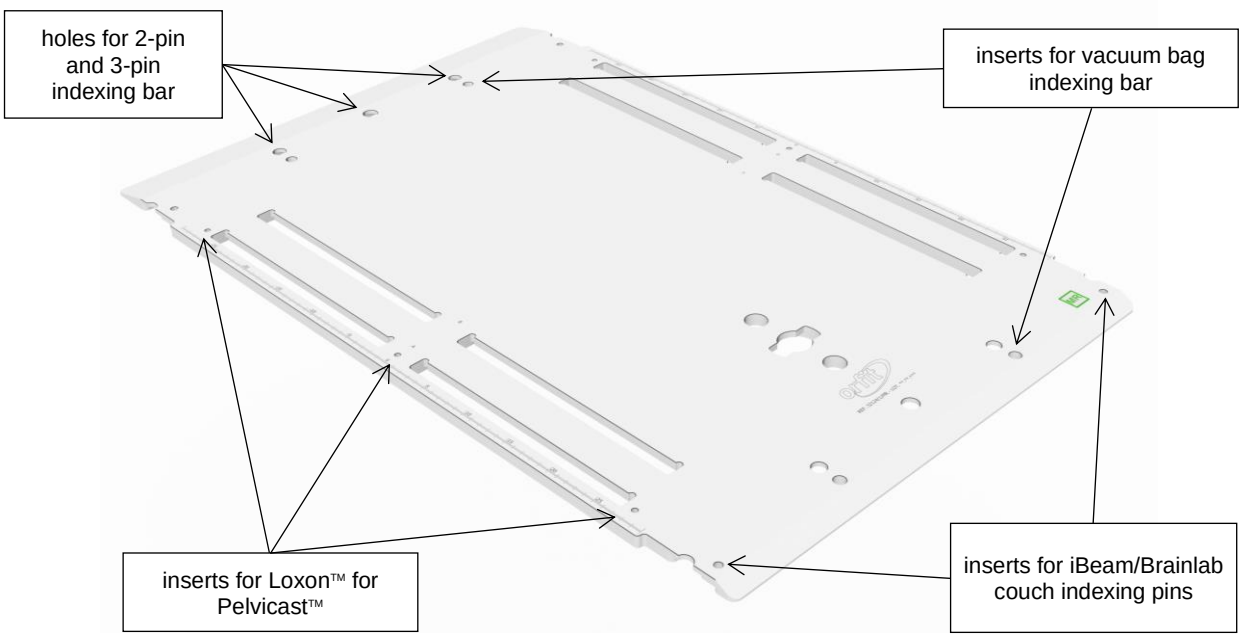
RAYCAST® HIGH PRECISION BASE PLATES

HIGH PRECISION PELVICAST™ BASE PLATE IN GLASS FIBRE LAMINATE



Article No. : **32124/MR**

A. GENERAL PRODUCT INFORMATION

This product is a medical device used for patient positioning and immobilisation (pelvis and abdomen) in radiation therapy. This low density plate can be used during both the simulation and treatment stage, including MRI simulation.

B. PRODUCT DESCRIPTION

The PELVICAST™ BASE PLATE in Glass Fibre Laminate (GFL) is suitable for use in combination with the range of Pelvicast™ thermoplastic precuts and the leg separators to form a reproducible patient positioning and immobilization 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

Always place the base plate on a flat surface and make sure that it is completely supported by the couch.
Always index the base plate securely to the treatment couch before positioning a patient.

The Pelvicast™ Base Plate can be indexed to an Exact™ Couch through following fixation devices:

1. Indexation by means of two two-pin bars. The base plate has two holes on both the cranial and caudal side that fit over the two-pin bar.
2. Indexation by means of Loxon™ for Pelvicast™, either one pair or two pairs.

The Pelvicast™ Base Plate can also be indexed to an iBeam™ Couch through a set of 4 iBeam pins. These pins are mounted on the bottom of the base plate and index into the openings on the side of an iBeam couch.
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/.

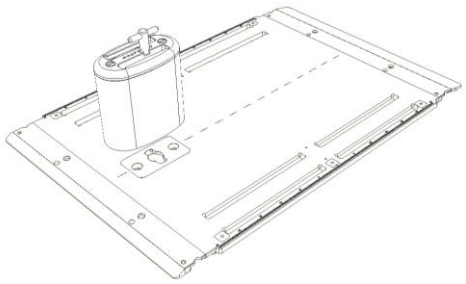
The GFL base plate is constructed to be light in weight and to have superb dosimetric properties. When handled roughly, it may get damaged and fibres may come off. When this happens, stop using the base plate to prevent fibres from getting in contact with the patient's or user's skin. Contact your distributor.

D. ASSEMBLY OF THE LEG SEPARATOR

Slide the Leg Separator into the dedicated holes of the base plate. Once the leg separator is fully pushed down onto the base plate, the locking handle on top of the leg separator can be turned 90° so it lines up with the longitudinal axis of the base plate.

Depending of the length of the patient, the leg separator can be rotated 180° left or right on the vertical axle before mounting so that a more cranial or more caudal position of the leg separator can be obtained.

Mount the leg separator while the patient is on the base plate and not before. Thus the patient does not have to swing his/her leg over the leg separator.



E. STORAGE

Always store the product in a safe place to prevent it from getting damaged or falling onto other objects. Take care not to damage the edges of the plate when storing it in an upright position. Prevent hard objects from falling onto the plate.
Store the base plate between +10°C (50°F) and 40°C (122°F).

F. PROPERTIES

F.1 Physical Properties

Dimensions:	L 810 mm x W 540 mm x H 12 mm
	L 31.89" x W 21.26" x H 0.47"
Weight:	2.50 kg
	5.51 lbs

F.2 Dosimetric Properties

Attenuation factor (± 0,15 %)	
6 MV	1.3 %
10 MV	0.85 %
Water equivalent	3.7 mm

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

F.3 Material Properties
This product is labelled as 'MR safe'.

MR

G. 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.

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.

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