

RAYCAST® HIGH PRECISION BASE PLATES
HIGH PRECISION TILTABLE BASE PLATE FOR HEAD AND NECK



Article No. : **32064**

A. GENERAL PRODUCT INFORMATION

The products referred to in these instructions are medical devices, used for patient positioning and immobilisation in radiation therapy. This low density plate can be used during both the simulation and the treatment stage. 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 carbon fiber base plate is used for head & neck applications in combination with Efficast® precuts and Raycast® HP head supports to form a reproducible patient position. Information on these other parts can be found in the respective 'instructions for use' and on www.orfit.com.

The baseplate can be tilted in different angles: 0, 5, 10, 15, 20, 25 and 30° to bring a patient's head and neck into flexion.

C. PRODUCT RANGE

This base plate is suitable for use in combination with the following head supports:

ART. NO.	DESCRIPTION
35755	Head support in low density PE with lateral neck flaps (model 1)
35765	Head support in low density PE without lateral neck flaps (model 2)
35753	Head support in low density PE with lateral neck flaps (model 3)
35753ZF	Head support in low density PE without lateral neck flaps (model 4)
35752	Head support in low density PE with lateral neck flaps (model 5)
35752ZF	Head support in low density PE without lateral neck flaps (model 6)
35753-80	Head support in low density PE with lateral neck flaps for paediatric patients (model 8)
35758-MD	Head support in regular density PU with lateral neck flaps (model 1)
35758ZF-MD	Head support in regular density PU without lateral neck flaps (model 2)
35713-MD	Head support in regular density PU with lateral neck flaps (model 3)

35713ZF-MD	Head support in regular density PU without lateral neck flaps (model 4)
35714-MD	Head support in regular density PU with lateral neck flaps (model 5)
35714ZF-MD	Head support in regular density PU without lateral neck flaps (model 6)
32399-MD	Head support in regular density PU with a curved spine with lateral neck support (model 7)
32393	Prone head support
32384	Timo Style head support red size A – low density
32387	Timo Style head support dark blue size B – low density
32385	Timo Style head support blue size C – low density
32382	Timo Style head support green size D – low density
32383	Timo Style head support yellow size E – low density
32386	Timo Style head support brown size F – low density
32398	Timo Style head support with cranial stop dark blue – regular density
32396	Timo Style head support with cranial stop light blue – regular density
32397	Timo Style head support with cranial stop brown – regular density
32384-90	Timo Style head support red – paediatric size age 13+
32385-90	Timo Style head support blue – paediatric size age 13+

A complete range of Efficast® thermoplastic masks can be used on this base plate to immobilize patients. Instructions on how to make these masks can be found in the respective 'instructions for use' and on www.orfit.com.

D. PRECAUTIONS FOR USE

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/>.

This is a fragile product, please handle with care.

The CFL base plate is constructed to have a low density. 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 and contact your distributor.

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

E. PROPERTIES

E.1. Physical Properties

Dimensions: L 364.5 mm x W 257 mm x H 27.5 mm
Weight: 0.61 kg

E.2. Dosimetric Properties

Attenuation factor ($\pm 0.15\%$)
6 MV 0.5%

15 MV 0.4%
H₂O equivalence 2.1 mm

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

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:

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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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