



ORFIT Industries
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RAYCAST® HIGH PRECISION ACCESSORIES BLOCKS AND WEDGES – LOW DENSITY

INSTRUCTIONS FOR USE

20 mm block AIO SOLUTION® code: AC-BL-20 Article No. : 35703	
40 mm block AIO SOLUTION® code: AC-BL-40 Article No. : 35706	
9° wedge AIO SOLUTION® code: AC-WL-9 Article No. : 35704	
13.5° wedge AIO SOLUTION® code: AC-WL-13.5 Article No. : 32424	
18° wedge AIO SOLUTION® code: AC-WL-18 Article No. : 35707	
Article No. : 32700	Set of all the above (except the 13.5° wedge # 32424)
Article No. : 32709	Set of all the above (except the 18° wedge # 35707)

A. GENERAL PRODUCT INFORMATION

The products referred to in these instructions are medical devices, used for patient positioning and immobilisation in radiation therapy.

B. PRODUCT DESCRIPTION

These BLOCKS & WEDGES are a part of the RAYCAST HP Head and Neck Solution and of the "AIO SOLUTION SETS". They are used in combination with HP HEAD SUPPORTS, BASE PLATES and the EFFICAST PRE-CUTS to form a reproducible patient positioning and immobilisation system.

In combination with the HP Head Supports, the blocks and the wedges offer a solution to position the patient's head at various heights and with a range of extension or flexion angles. Information on these other parts can be found in the respective 'instructions for use'.

C. PRECAUTIONS FOR USE

Always use these devices in combination with the other AIO SOLUTION components on one of the base plates. The different parts of this set can be stacked and fit perfectly into one another thanks to the combination of complementary holes and positioning knobs. Always verify that the devices are positioned correctly on the other cushions and parts.

D. STORAGE

Always store the product in a safe place to prevent them from getting damaged. Do not put heavy objects on the devices and prevent hard objects from falling onto it, because these will cause permanent damage. Do not expose the product to strong light sources (sun, lamps etc.) Store the devices between +10°C (50°F) and 40°C (122°F).

E. PROPERTIES

E.1. Basic Physical Properties

The following physical properties apply to these devices:

Dimensions: L 250 mm x W 120 mm x H 25 mm to 88 mm
Weight: 0,11 kg to 0,19 kg

E.2. Mechanical Properties

These devices are made of a carbon fibre laminate and should be handled with care.

The devices used on the treatment machines are often used more frequently than those on the simulators and during the imaging stages. We therefore recommend rotating the sets between the different machines on a regular base to avoid differences in wear and tear of these devices.

E.3. Dosimetric Properties

Attenuation (± 0.15%)		Skin build-up (± 0.1 mm) mm H ₂ O equiv.
6 MV	15 MV	
0.6 %	0.5 %	2.20

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

F. MAINTENANCE AND WASTE MANAGEMENT

These products 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 products 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.

The instructions were written in accordance with the European Directive 93/42/EEC for Medical Devices. It is prohibited to make alterations to this text without prior approval from ORFIT Industries.

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