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Hertel Apparatus

Product Image



Description

A metal plate disc with a diameter of approximately 30 cm, coated white on the top surface, and equipped with a mounting set on the lower side to be attached to a vertical support rod in either a horizontal or vertical plane. The disc can be rotated around its axis. The top side of the disc features a circular scale along its edge, graduated from 0° to 90° in 1° increments, dividing the disc into four equal quadrants with a clearly marked center. The base is heavy-duty metal. Includes reflective components, such as: A flat glass mirror A semi-cylindrical polished mirror Acrylic blocks in at least the following shapes: Semi-circular Biconvex Biconcave Right-angle prism Equilateral prism Trapezoidal prism

All optical elements are equipped with strong magnets to securely position them on the horizontal or vertical

disc. Additionally, the device includes: A halogen lamp mounted on a lightbox A graduated circular plate with a base A laser light source with five beams, with the ability to activate each beam separately A set of six transparent crystal shapes for refraction experiments, which are easy to mount on the disc. The three-dimensional optical set includes seven acrylic blocks: Rectangular parallelepiped (75 × 50 mm) Right-angle prism (90° × 45° × 45°, 75 mm) Semi-circular cube (75 mm diameter) Convex block with curved face (75 mm length) Convex block with curved face (75 mm length) Concave block with curved face (75 mm length) Quadrilateral prism (60° × 60° × 60°, 57 mm side length)

Catalog no	Particulars
103297	Hertel Apparatus

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