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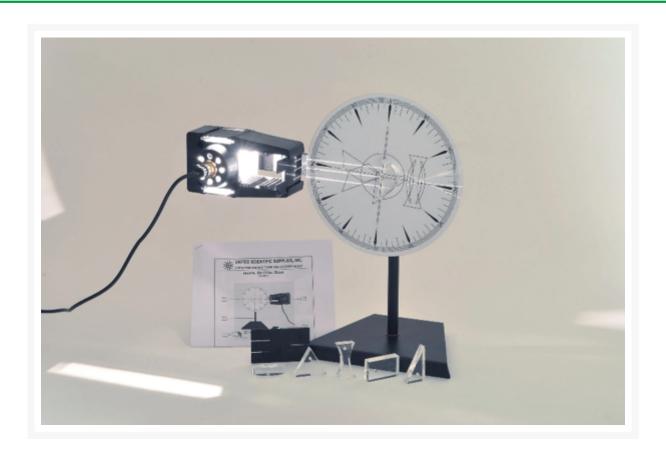
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Hertel Apparatus

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 ($90^{\circ} \times 45^{\circ} \times 45^{\circ}$, 75 mm) Semi-circular cube ($75 \times 10^{\circ}$ mm diameter) Convex block with curved face ($75 \times 10^{\circ}$ mm length) Convex block with curved face ($75 \times 10^{\circ}$ mm length) Quadrilateral prism ($60^{\circ} \times 60^{\circ} \times 60^{\circ}$, $57 \times 10^{\circ}$ mm side length)

Catalog no Particulars

103297 Hertel Apparatus

Disclaimer

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