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Product Name :
Schlieren Apparatus For Supersonic Wind Tunnel

Product Code :
LBNY-0005-1370003



Description :

The Schlieren apparatus allows students to see density gradients as variations in intensity of illumination. This allows them to see supersonic air flow patterns around models. A monochrome Schlieren apparatus for use with the Intermittent Supersonic Wind Tunnel. The apparatus includes digital imaging equipment to record the images this is useful when using an intermittent supersonic wind tunnel. The video monitor is particularly useful to display the images to groups of students. It also clearly shows shock waves and expansions, and students can compare their positions and angles with values predicted by theory. The imaging equipment can capture still images and any real-time changes in the image. The mirrors and lenses are of high optic standards to reduce any possibility of optic distortions of the images.

Technical Specification :

Monitor: Less than 20 kg
Net Dimension and Weight:
Length 1400 mm x depth 800 mm x height 1375 mm; 70 kg
Mirror quality: 1/4
Packed Dimension and Weight: 0.99 m³ and 134 kg



Laboratory Instrument India

