



Our **Advance Student Spectrometer (SM-7/7A)** is a solidly - constructed instrument, thoughtfully provided with features and accessories that assist students in making precise measurement of spectral lines or prism angle. High Quality, large aperture optics produce sharp spectral images, while precision machining allows for precise rotation and accurate measurement. **The 175mm** diameter, precision engraved degree plate is complemented by 2 precision engraved verniers, one on each side of instrument for convenient reading. Nicely packed in Styrofoam box.

Collimator :

Focal Length : 178 mm

Aperture : 25 mm (adjustable by pinion & rack), adjustable rectangular slit.

Telescope :

Focal Length : 178 mm,

Aperture : 25 mm (adjustable by pinion & rack), fitted with 10x Ramsden eyepiece with cross line graticule.

Fixation Stand :

Located on the plate, it enables you to precisely position the prism & diffraction grating.

Reading minute : Resolution to 1 minute of an Arc (SM-7)**Reading minute : Resolution to 30sec. of an Arc (SM-7A)**www.almicroinstruments.com