

Equipment Instruction Manual Series

AST 205: Planets in the Universe

Unihedron Sky Quality Meter

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Figure 1: The Sky Quality Meter measures the sky brightness in units of magnitudes per sq arcsecond.



Figure 2: To use, find a place with no direct illumination from nearby street lamp, car headlights, etc. Press the **start** button and record the reading. A value of 16-18 mag/arcsec² is expected under city skies, whilst the darkest skies are at ~ 21 mag/arcsec².



Figure 3: In some cases, the sensor may be saturated and unable to provide a proper reading (see picture). This can happen if the sensor is being tested during daytime or indoors.