



2030 Alignment Telescope

Bright line & bright field reticles, English units

The **2030** is essentially the same as the 2022 alignment telescope but has a right angle eyepiece and a two-reticle system consisting of a dark field, bright line reticle as well as a bright field, dark line reticle. These features specifically enhance the unit's accuracy and ease of use when autocollimating. The 2030 includes a built-in autoreflection target on the objective lens. An autocollimation illumination unit (our model 508) is included with the instrument, operating at voltages from 110-220VAC.

See also similar instrument 2024BL (with micrometers graduated in metric units).

Read more about our alignment telescopes on our website.



Specifications

Magnification: Varies from 4x at zero focus to 46x at infinity.

Focusing range: Zero to infinity.

Field of view: 37 minutes at infinity, 42 mm at zero focus.

Eyepiece: Fully erect image; diopter scale.

Optical Micrometer:

- Horizontal and vertical optical micrometers.
- Displacement: $\pm 0.050''$.
- Direct reading to $0.001''$.
- Accuracy: $\pm 0.0002''$ over full range.
- Red and black graduations indicate direction of displacement.

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Effective aperture: 42 mm.

Optics: Fully coated optics used throughout.

Reticle: All-purpose, double glass, dustproof; cross-pattern with single lines top and right, paired lines bottom and left.

Focusing knob: Drum graduated to show focusing distance in feet.

Telescope barrel: Made of through hardened stabilized stainless steel.

Barrel diameter: 2.2498" (+0" -0.0003")
Meets A.I.A. specifications.

Barrel length: 9 7/8"

Overall length: 17 3/4"

Weight: Approx. 11½ lbs. (5.2kg)

May be used with...

- 187-S Coincidence Striding Level
- 2230 Right Angle Eyepiece (discontinued)
- 2240 Combination Autocollimation, Projection, Right Angle eyepiece
- 3205 Cross Level
- 3220 Coincidence Striding Level (discontinued)
- 6202 Magnetic Back Mirror, 2½"
- 6204 Magnetic Back Mirror, 4"
- Our alignment telescope bases