

Autocollimators

Product Information



Figure 1: AC50 Autocollimator w/ power supply

Notable Features:

- Maximum field of view of 1 degree
- Maximum working distance of 5 meters
- Maximum resolution of 5 arc-seconds
- Pinhole image diameter subtends 100 arc-seconds
- Light source: single, white incandescent bulb
(variable intensity)
- Complete with plug-in power supply
(specify 115V or 220V)
- Optional eyepiece reticle
(10x10 grid or crosshairs w/ concentric circles)
- Optional 2-axis adjustable stand

The Model AC50 Series Autocollimator is designed for applications where it is desirable to check the mutual alignment of two or more reflecting surfaces. The operator observes the images from these surfaces as a check for mutual alignment of the surfaces.

The Model AC50 is designed for aligning optical components and is ideally suited for alignment of the mirrors, laser rod and Q-switch of the Nd: YAG laser. The optical elements on the laser rail reflect and appear as bright images in the Autocollimator. When all reflecting images are super imposed on each other the optical rail is aligned. The Model AC50 Series Autocollimators are primarily designed for use on plano/parallel reflective surfaces.

Autocollimator Ordering Information

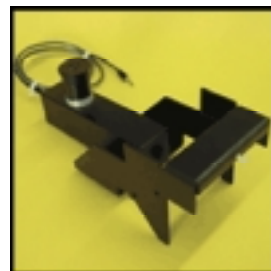
AC50U Autocollimator without Mount



AC50C Autocollimator w/ Control Laser Mount



AC50E Autocollimator w/ ESI Laser Mount



Contact Cascade Laser Corporation for ordering information or to request a quotation on any of these products.

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*Autocollimators
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