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# Optical Flat Reference Mirror

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Nikon High Precision Autocollimator (shown with stand #59-396, sold separately)

Stock **#59-399** [CONTACT US](#)

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+

**C\$2,793<sup>.00</sup>**

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| Qty 1+         | C\$2,793.00 each              |
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| Physical & Mechanical Properties |                       |
|----------------------------------|-----------------------|
| 12.00                            | Thickness (mm):       |
| 2.00                             | Parallelism (arcsec): |
| 30.00                            | Diameter (mm):        |
| Regulatory Compliance            |                       |
| Certificate of Conformance:      |                       |

## Product Details

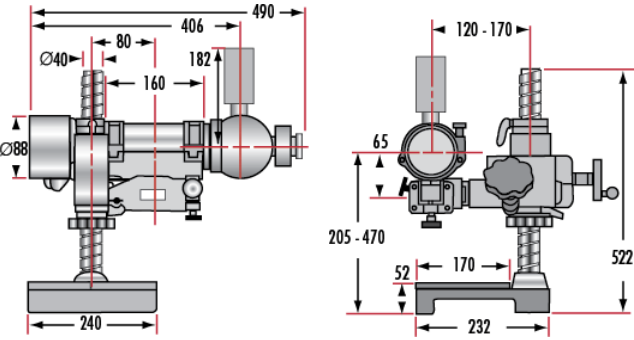
- Complete Video Packages Available
- Darkfield View
- 0.5 Arcsec Resolution
- Fully Adjustable Mount

Autocollimators are a powerful laboratory tool for any optical or precision imaging systems. The autocollimator can be used in a variety of configurations to ensure that there is no angular error in a system. For example, sensors can be aligned with optics, targets, optical mounts or other components in a system. The autocollimator can also be used for measuring the angular accuracy of moving parts such as stages. They are often used to measure the angles within a single optic such as prisms.

This darkfield autocollimator makes it possible to see reflections from very low-reflective plane surfaces, such as camera sensors, at a far distance. This high precision autocollimator has a 70mm aperture, which provides bright and clear reflected images. It also includes a double line reticle for easy and accurate detection. For comfortable viewing, the viewer can also be rotated.

An optically flat reference mirror is available for aligning non-reflective surfaces. A C-Mount camera adapter can replace the eyepiece and allow the view field image to be displayed on a monitor or saved to a computer. The digital package is available to provide a complete “out-of-the-box” video system with USB output. This package includes the LED autocollimator, stand and cover, camera, C-Mount camera adapter, and a USB output cable.

## Technical Information



| #87-306: Digital System    |         |
|----------------------------|---------|
| Autocollimator Main Body   | #87-227 |
| Adjustable Stand and Cover | #59-396 |
| C-mount Camera Adapter     | #59-398 |
| USB Monochrome Camera      | #16-507 |
| 3m USB Cable               | #37-342 |

| #19-723: Digital System    |         |
|----------------------------|---------|
| Autocollimator Main Body   | #87-227 |
| Adjustable Stand and Cover | #59-396 |
| C-mount Camera Adapter     | #59-398 |
| GigE Monochrome Camera     | #16-465 |
| 5m USB Cable               | #63-863 |