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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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1

+

C\$2,793^{.00}

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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

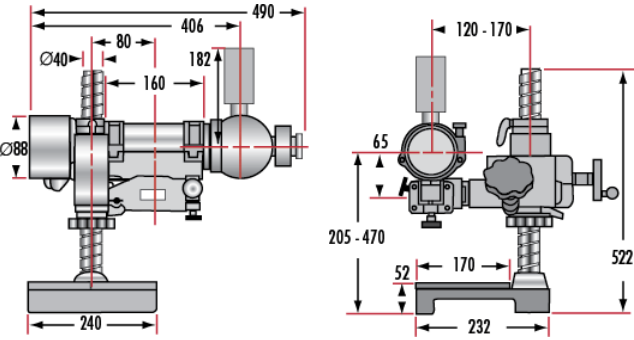
- Complete Video Packages Available
- Darkfield View
- 0.5 Arcsec Resolution
- Fully Adjustable Mount

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