

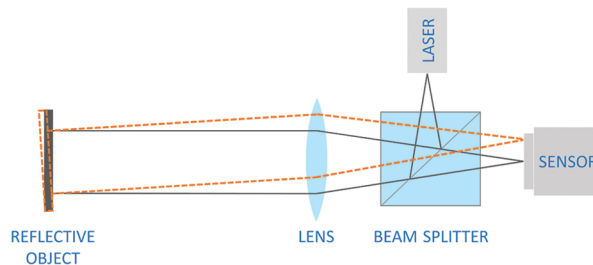
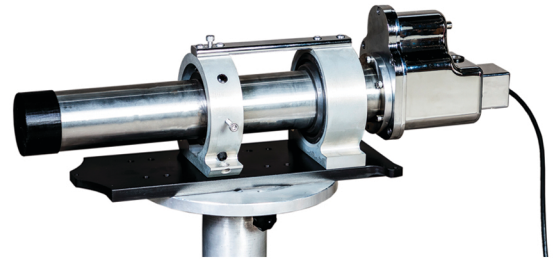


MFH. Moj-e
Fannavari-e
Houshmand

MFH-AL500-50

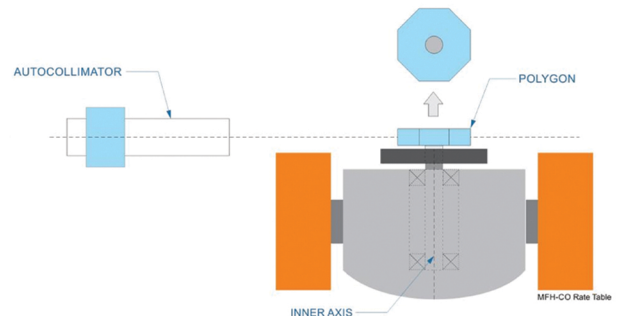
MFH-AL500-50

Autocollimator is an optical instrument for measuring small angles, precisely. It can measure the change in angle of the target mirror without contact.



It is basically composed of a collimator and a telescope, combined by a beam splitter. The former projects a parallel beam, while the later images the reflection onto the sensor.

Autocollimator has many applications such as test and calibration of rotary tables, machine tools, and optical instruments.



Parameters

Measuring Capacity

Measuring uncertainty	±0.5 arcsec
Measuring range (X) x (Y)	1400×1000 arcsec
Maximum meas. distance	3 m
Resolution	0.1 arcsec

Optical Specifications

Focal length	500 mm
Free aperture	50 mm

Electrical Specifications

Computer interface	USB3
Mains voltage	5 V

The specifications identified in this data sheet are representative of standard systems. To satisfy customer specific requirements MFH is able to design systems with specifications that are increased or decreased relative to standard systems.