

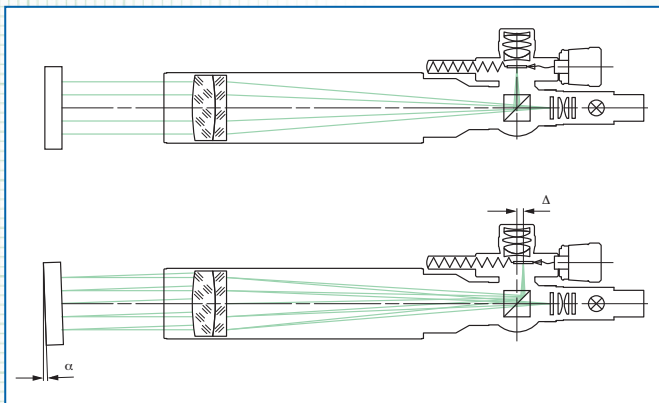
AUTOCOLLIMATORS

90°-VIEWING – WITH DOUBLE MICROMETER

Description:

For a general description of the principle of functioning see page 42.

An autocollimator with a micrometer driven eyepiece reticle can directly read reticle displacement for higher accuracy compared to a fixed reticle. By using the formula given on page 42 this displacement can be converted into angular tilt of the reflector. The scale division (SD) of the micrometer drums is 5 μm .



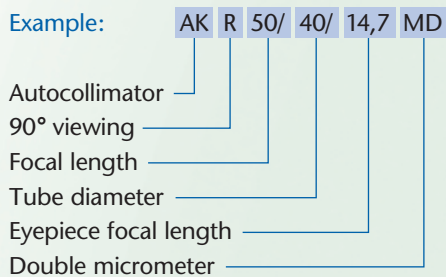
Application areas:

- Measurement of angular tilt
- Measurement of parallelism of plane plates
- Straightness measurement of guide ways (manually)

Notes on ordering:

- Optionally, the autocollimators can be equipped with an eyepiece having 10 mm or 25 mm focal length.
- Two reticles, 6V/5W illumination w/cord, and eyepiece are included.
- If not specified otherwise, the autocollimator is adjusted to infinity at 546 nm wavelength. Adjustment to other distances or wavelengths is also possible on demand.
- The nomenclature of the autocollimators with 90°-viewing and double micrometer is as follows:

Example:



Important:

Please specify collimator reticle and eyepiece reticle (see page 82) as well as illumination (LED-, bulb- or cold light, see page 81) when ordering.

Please specify direction of use if reticles with lettering (e.g. coordinate division etc.) are used so that the lettering will be right-side-up.



