

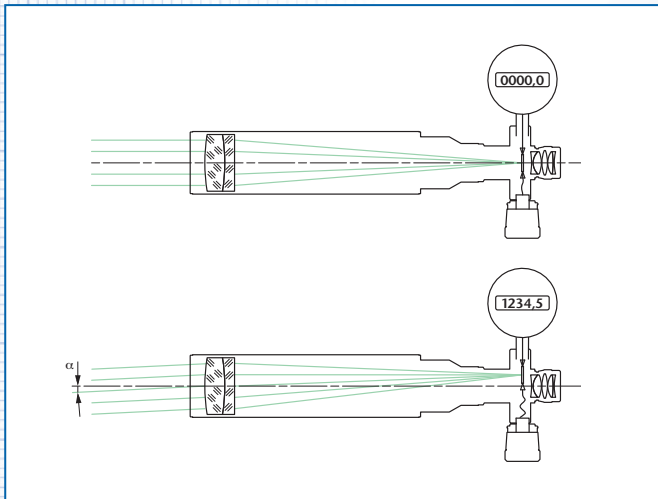
TESTING TELESCOPES

STRAIGHT VIEWING – WITH DIGITAL DOUBLE MICROMETER

Description:

For a general description of the operating principle of testing telescopes see page 20.

Testing telescopes with digital double micrometer allow the measurement of deflection angles in two directions. The programmable measuring gauges allow the operator to read the angular displacement in arcsec or mrad.



Notes on ordering:

- Testing telescope eyepiece is commonly $f=14,7$ mm but can be equipped with eyepieces $f=25$ mm or $f=10$ mm on request.
- One reticle and one eyepiece are included in the standard instrument.
- If not specified otherwise, the testing telescope is adjusted to infinity at 546 nm wavelength. Adjustment to other distances or wavelengths is also possible on demand.
- Please specify the unit of reading (mm or arcsec or mrad) when ordering.
- The nomenclature of the testing telescopes with straight-viewing and digital double micrometer is as follows:

Example: **F G 50/ 40/ 14,7 MDD**

Testing telescope
 Straight viewing
 Focal length
 Tube diameter
 Eyepiece focal length
 Digital double micrometer

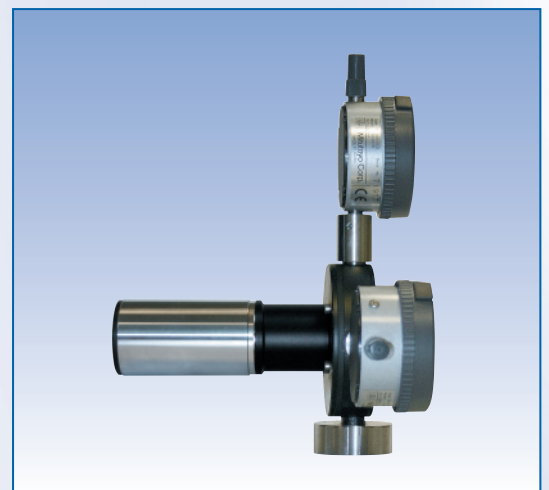
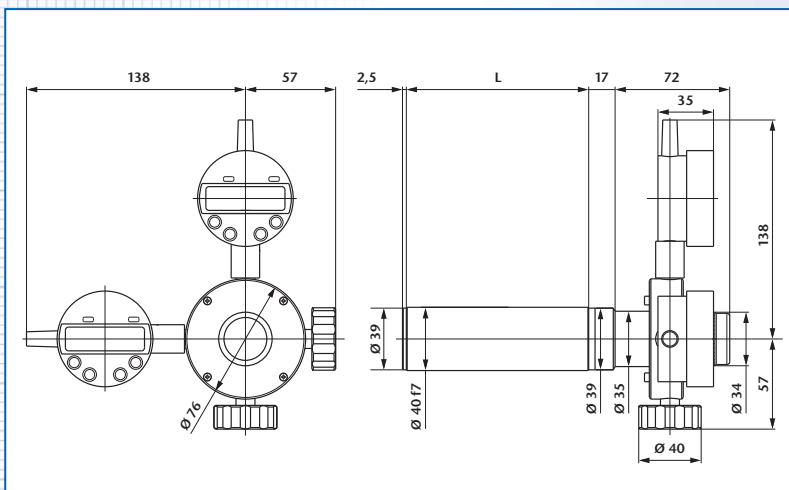
Application examples

(additional collimator required):

- Measurement of deflection angles
- Parallelism measurement of uncoated flats

Important:

Please specify reticle (see page 82) when ordering.



Ord.-No.	Description	Focal length	Free aperture	Meas. range	Resolution	L
227 201	FG 50/40/14,7 MDD	50	10	5,6°	5,0''	65
227 202	FG 90/40/14,7 MDD	90	16	3,0°	5,0''	65
227 203	FG 140/40/14,7 MDD	140	28	2,0°	2,0''	118
227 204	FG 200/40/14,7 MDD	200	28	1,4°	2,0''	173
227 205	FG 300/40/14,7 MDD	300	28	1,0°	1,0''	274
227 206	FG 500/40/14,7 MDD	500	28	0,5°	0,5''	474

