

# TESTING TELESCOPES

## 60°-VIEWING/60°-VIEWING WITH DOUBLE MICROMETER

### Description:

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

The basic function and design of testing telescopes with 60°-viewing is the same as of testing telescopes with 90°-viewing.

The testing telescopes with 60° viewing contain a folding mirror (see following figure). The image appears upright but laterally reversed. This kind of testing telescopes is used for horizontally set-ups because the 60°-viewing is more ergonomic.

The testing telescopes with 60° viewing (figure A) are available also with mechanical micrometer (figure B) and digital double micrometers (figure C).

The scale division (SD) of the mechanical micrometer drum is 5 μm. For a general description of the operating principle of testing telescopes with double micrometers see page 28 and 30 respectively.

### 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.
- When ordering a telescope with digital double micrometer please specify the unit of display of the digital gauges (mm, arcsec, milliradians).
- The nomenclature of the testing telescopes with 60°-viewing and 60° viewing with double micrometer respectively is as follows:

**Example:** F W 300/ 65/ 14,7 MD

MDD

Testing telescope  
 60° viewing  
 Focal length  
 Tube diameter  
 Eyepiece focal length  
 Double micrometer  
 Digital double micrometer

**Important:**  
 Please specify reticle (see page 82) when ordering.



