

# Galilei telescopes



**937215** 2,1x  
Field of view 20,0°; 18 g



**937255** 2,5x  
Field of view 18,0°; 18 g



**937275** 2,7x  
Field of view 13,2°; 30,5 g



## Front caps

Basic	Add-on	
<b>938015</b>	<b>939015</b>	Empty housing (2 pieces)
<b>938005</b>	<b>939005</b>	matt
<b>938055</b>	<b>939055</b>	+0,50
<b>938065</b>	<b>939065</b>	+0,66
<b>938105</b>	<b>939105</b>	+1,00
<b>938155</b>	<b>939155</b>	+1,50
<b>938205</b>	<b>939205</b>	+2,00
<b>938305</b>	<b>939305</b>	+3,00
<b>938405</b>	<b>939405</b>	+4,00
<b>938505</b>	<b>939505</b>	+5,00
<b>938605</b>	<b>939605</b>	+6,00
<b>938805</b>	<b>939805</b>	+8,00

Small and lightweight fixed focus Galilei telescope with multi-coated lenses in an aluminium housing.

- Two groups of computer-optimised lenses
- Designed for mounting in a frame, lock ring included
- Ideal for SCHWEIZER telescope frames as shown on pages 42 – 44
- Set infinite focal distance; front caps for intermediate distances (e. g. TV) and for close distances (e. g. reading)
- Correction of refractive errors through a back correction lens with Ø 22 mm, adjustment of the focal distance through inclusion in back correction lens or through Basic front cap.
- The adjustment of the focal distance through back correction can be calculated by multiplying the system magnification by itself and dividing the result by the needed focal distance in meters. This gives the D power to be included in the back correction of refractive errors.
- Binocular use for close working distances is possible with special mounting lenses

## ■ Front caps

Front caps for intermediate distances (e. g. TV) and for close distances (e. g. reading).

- Firm hold of the Basic front cap which snaps in the system audibly
- Additional availability of Add-on front caps which can be connected with Basic front caps for higher magnifications respectively additional working distances. The Add-on front caps fold up and down easily
- Numerous focal distances from 200 cm to 6,25 cm can be created
- The combination of a Basic front cap with an Add-on front cap create an aplanatic front cap up to + 16,00 D without spherical aberrations
- At set infinite focal distance of the system the working distance is calculated by dividing 1 by the total D power of the Basic + Add-on front cap. The resulting close distance magnification is the system magnification multiplied with one quarter of the total D power of the Basic + Add-on front cap

## ■ Binocular use

Mounting lens for binocular use with the according convergence.

- Mounting lens packed in pairs inclusive mounting adapters for the fitting of back correction lenses
- Mounting lens made from PMMA material (Plexiglas®)



**937116** Case for telescopic spectacles



**931067** Trial box Galilei

Content: 2 pieces each 2,1 x and 2,5 x in adapter for trial frame; Basic front caps 2 pieces each +0,50 D, +0,66 D, +1,00 D and 1 piece each +1,50 D, +2,00 D, +3,00 D, +4,00 D, +5,00 D, +6,00 D, +8,00 D; Add-on front caps 1 piece each +4,00 D, +8,00 D



**Mounting lens  
inclusive adapter for back correction lens 15 mm**

**933225** Binocular use for  
200 mm working distance, 2 pieces

**933255** Binocular use for  
250 mm working distance, 2 pieces

**933235** Binocular use for  
330 mm working distance, 2 pieces

**933265** Without convergence for  
reduced back vertex distance BVD, 2 pieces



**Convergence adapter for trial frame**

**933315** 200 mm; 5,0 D; 2 pieces

**933325** 250 mm; 4,0 D; 2 pieces

**933335** 330 mm; 3,0 D; 2 pieces