

# Galilean telescopes



**937185 1.8x**  
Field of view 23°; 13 g



**937215 2.1x**  
Field of view 20°; 18 g



**937255 2.5x**  
Field of view 18°; 20 g



**937275 2.7x**  
Field of view 13°; 30 g



## Front caps

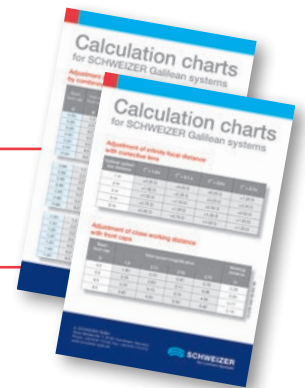
Basic	Add-on	
<b>938015</b>	<b>939015</b>	Empty housing (2 pieces)
<b>938005</b>	<b>939005</b>	matt
<b>938055</b>	<b>939055</b>	+0.5
<b>938065</b>	<b>939065</b>	+0.66
<b>938105</b>	<b>939105</b>	+1.0
<b>938155</b>	<b>939155</b>	+1.5
<b>938205</b>	<b>939205</b>	+2.0
<b>938305</b>	<b>939305</b>	+3.0
<b>938405</b>	<b>939405</b>	+4.0
<b>938505</b>	<b>939505</b>	+5.0
<b>938605</b>	<b>939605</b>	+6.0
<b>938805</b>	<b>939805</b>	+8.0
<b>938125</b>	<b>939125</b>	+12.0

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

- Two groups of computer-optimised lenses with multilayer AR coating
- Designed for mounting in a frame, lock ring included
- Ideal for SCHWEIZER telescope frames as shown on pages 52 – 53
- Factory-set to infinite focal distance; front caps for intermediate (e.g. TV) and close distances (e.g. reading) available
- Refractive errors can be corrected with a lens mounted on the system's ocular side (Ø 22 mm). Adjustment to the working distance possible with the same corrective lens
- Calculation of the required plus lens power for adjusting the focal distance by multiplying the system magnification by itself and dividing the result by the focal distance required in metres
- Binocular use for close working distances possible with special mounting lenses

## Download now

Calculation charts for SCHWEIZER Galilean systems at [www.improvision-lvs.com](http://www.improvision-lvs.com)



## ■ Front caps

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

- Basic front cap snaps into place with audible click for firm hold
- Optional Add-on front caps can be combined with Basic front caps to provide higher magnification and variable working distances. Add-on front caps flip up easily when not in use
- Combined use of Basic and Add-on front cap creates an aplanatic front cap without spherical aberrations
- Different working distances ranging from 200 to 4.17 cm can be combined
- Calculation of the working distance based on the system's pre-set infinite focal distance by dividing 1 by the D power of the front cap(s). The close distance magnification is the system magnification multiplied with one quarter of the D power of the front cap(s)

## ■ Binocular use

Mounting lens for binocular use with the relevant convergence.

- Mounting lens packed in pairs with mounting adapters for corrective lenses
- Mounting lens made from PMMA material (Plexiglas®)



**937116** Case for telescopic spectacles



**931287** Trial box Galilei 1.8x

Contents: 2 pieces of 1.8x in adapter for trial frame;  
2 Basic front caps in +0.5 D;  
1 titanium telescope frame 935806;  
measuring tape;  
empty slots for additional Basic and Add-on front caps



**931067** Trial box Galilei 2.1x and 2.5x

Contents: 2 each in 2.1x and 2.5x in adapter for trial frame;  
Basic front caps 2 each in +0.5 D, +0.66 D, +1.0 D and  
1 each in +1.5 D, +2.0 D, +3.0 D, +4.0 D, +5.0 D,  
+6.0 D, +8.0 D;  
Add-on front caps 1 each in +4.0 D, +8.0 D



### Mounting lens with adapter for 15 mm corrective lens

**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