Shelyak Sol'Ex and Star'Ex optical kits (2025)

www.shelyak.com



Ref. ES0036

All the optical elements to produce images of the Sun by scanning it (spectroheliography) at the wavelength of your choice.

OP0177



A holographic grating of 2400 ar/mm (25 x 25 mm)

SKU **OP0176**



A custom-made collimating doublet with a diameter of 25.4 mm and a focal length of 80 mm.

OP0181



A custom-made objective doublet with a diameter of 25.4mm and a focal length of 125 mm.



A reflective 2 positions slit of 7 and 10 µm wide and 6 mm long

For high-resolution stellar spectra of luminous objects with an autoquiding module.



A holographic grating of **2400 gr/mm** (25 x 25 mm)

SKU **OP0176**

Evolution

towards Star'Ex

HR

Ref. ES0037

This kit adds everything

you need to convert your Sol'Ex into a high resolution

Star'Ex (with an autoquiding

module and a slit with 4

different widths).

Two doublets with a diameter of

12.5mm and a focal length of 50mm.

A 15x15mm mirror, thickness 3 mm

A reflective slit 4 widths positions of

14, 20, 26 and 32 μm

+ 25 µm hole

SKU

OP0010



A custom-made collimating doublet with a diameter of 25.4mm and a focal length of

SKU



A custom-made objective doublet with a diameter of 25.4mm and a focal length of 125 mm.

SKU

OP0181



A reflective 2 positions slit of 7 and 10 um wide and 6 mm long



Two doublets with a diameter of 12.5mm and a focal length of 50mm.

OP0010



A 15x15mm mirror, thickness 3 mm



A reflective slit 4 widths positions of 14, 20, 26 and 32 μm + 25 µm hole

Ref. ES0039

For low-resolution stellar spectra of faint objects with an autoquiding module.



A grating of **300 gr/mm** (25 x 25 mm) Blaze at 500 nm

OP0176



A custom-made collimating doublet with a diameter of 25.4mm and a focal length of



A custom-made objective doublet optimised in the visible range with a diameter of 25.4. mm and a focal length of 80 mm.



Two doublets with a diameter of 12.5mm and a focal length of 50mm.

> SKU OP0010



A 15x15mm mirror, thickness 3 mm.



A reflective slit 4 widths positions of 14, 20, 26 and 32 μm + 25 um hole

Evolution towards Star'Ex near IR

Ref. ES0033

To complement your low resolution Star'Ex and venture into the near infrared range.



A grating of **300 gr/mm** (25 x 25 mm) Blaze at 1 µm

SKU



A 570 nm order filter diameter 25 mm, thickness 2 mm

OP0183



A custom-made objective doublet optimised for the near infrared. with a diameter of 25.4 mm and a focal length of 80 mm.