

AiryLab

Price list

February 2021

Price non EU (exVAT) / EU in Euros

Astronomical instruments metrology services

The price included optical alignment and a detailed report with the following information:

- PTV and RMS wavefront errors
- WFE at the best focus (if spherical aberration is present)
- PSF profil with real scale
- MTF on two axis
- Zernike polynomial function (3rd order, up to the ninth order more on demand)
- Longitudinal and transversal chromatism and SA curve ¹
- Field curvature. Spot diagrams in 3 or 4 positions.²

Maximal aperture : 500mm. Shipping non included.

Reference	Description	Price EU	Price non EU
RF-DP	Refractor double pass measurement on three wavelengths (473, 535 & 635nm) on optical axis. 445nm wavelength in option.	250	210
SC-DP	Cat telescope double pass measurement on three wavelengths (473, 535 & 635nm) on optical axis up to 300mm. 445nm wavelength in option.	250	210
>300mm	Additional cost from 301 to 500mm	100	85
Option Field	Field measurement by 3mm increment up to 21mm (or 35mm on large corrected fields) from axis. Spot diagrams on 3 or 4 positions and field curvature on all positions.	100	85
PB-DP	Parabolical mirror up to 300mm with Lyot test	250	210
Option Comp	Additional configuration measurement: field corrector, reducer...	100	85
Secondary	Secondary flat mirror measurement option, up to 150mm major axis	100	85

¹ For refractor or catadioptric telescope.

² if field option is selected.

Professional metrology services

Custom measurement as defined.

Reference	Description	Price exVAT
Cust	Custom professional metrology service per day	1000

Imaging software

Genika Astro is free with all our cameras. We can activate up to 2 additional cameras in addition to the camera bought from us. Stand alone license up to 3 cameras. Genika Astro can be installed on as many PC as needed.

Genika Trigger license is linked to the PC, the number of cameras is not limited.

Reference	Description	Price EU	Price non EU
Genika Astro standard	Fast image acquisition software (>400 MB/s) for astronomy. Supports B/W AVT, Basler, IDS, TIS/Celestron, Pointgrey, ZWO. Color Basler, TIS/Celestron and ZWO. Support and updates included.	85	70
Genika Astro Pro	Fast image acquisition software (>400 MB/s) for astronomy. Supports B/W AVT, Basler, IDS, TIS/Celestron, Pointgrey, ZWO, Raptor photonics, Andor sCMOS . Color Basler, ZWO and TIS/Celestron. Support and updates included.	480	400

USB3 cameras

All cameras come with a license of Genika Astro and are made in Europe. All USB3 cameras are powered by the USB port. We can provide all Basler cameras.

3 years warranty on Basler.

Reference	Description	Price EU	Price non EU
Basler 1920-155	Basler acA1920-155um. Sensor :Sony IMX174 1/1,2", 1920*1200 pixels 5,86µm, 163 fps.	1290	1075
Basler 1920-40	Basler acA1920-40um. Sensor : Sony IMX249 1/1,2", 1920*1200 pixels 5,86µm, 40 fps.	790	660

Night Seeing Monitor

Night seeing monitor. Comes with the Gen2 carbon fiber monitor system, a 10m GigE cable, a GigE PoE power supply and the software for x64 Windows. Requires a Core i3 or more PC.

Reference	Description	Price EU	Price non EU
NSM	NSM complete	3120	2600

Solar Scintillation Monitor

Solar seeing monitor. Can work alone, with its software or with Genika Astro. Genika Astro license is not included.

Reference	Description	Price EU	Price non EU
SSM Remote	SSM with external probe and 3'' cable	350	292

Optical relay

Optical relay for handicapped persons and for public observatories

Reference	Description	Price EU	Price non EU
HaT relay	Relay 1 meter for HaT telescope	11400	9500
Relay	Custom design relay for any instrument	15000	12500