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The Lleverhuk SKYLINE PRO MAK 80 telescope on the EQ-1 mount is a combination of a very good optical tube in the Maksutov system with fantastically small dimensions with the EQ-1 parallactic head and a height-adjustable field stand. Perfect for a balcony and for weekend trips The telescope works as a short balcony planetary spotter , providing very high contrast when observing bright and compact objects (Moon, planets, bright clusters and galaxies), because it is practically free of chromatic aberration and is not sensitive to atmospheric instability . In addition, it is a good choice for those who are looking for a very portable telescope with a lot of observation possibilities, one that will be a companion for many trips to the dark, rural sky, while occupying very little space in the trunk of the car. The Maksutowa-Cassegrain optical system is one of the most valued optical constructions, widely appreciated for its mobility, ease of use and multi-functionality. It is an excellent choice of both astronomical observations, as well as earth observations and aircraft observations. Excellent optics provide an extremely sharp image throughout the field of view. The telescope consists of the meniscus correction board, the main mirror and the secondary mirror placed on the inner part of the meniscus. These telescopes have a reduced coma and show only a substantial chromatic aberration, giving very sharp and expressive images. A great advantage of the Maksutov telescopes is the compact and compact design and light weight. Due to their large focal length and low light, they are perfectly suitable for planetary observations. This type of construction works well in urban environments, where the main emphasis is on solar system objects, not on nebulae. Additional advantages

- Focusing Focusing is performed not through the external sliding puller, but through the micrometer screw moving the main telescope mirror. This method of focusing the image provides a very wide range of sharpness adjustment, thanks to which virtually any astronomical accessories work well with the tube, and the clearances on the extractor simply do not exist.
- T2 thread in the adapter The extractor is equipped with a T2 adapter (M42x0.75), which means that you only need a T2 ring for the bayonet of your camera to connect a mirrorless camera (Nikon, Nikon One, Canon EOS, Sony ? / A). , Sony NEX / E, Olympus E / 4/3, Micro 4/3, Pentax K). In this way, we can use the telescope to take photos of the Moon and planets or use it as a 1000mm f / 12.5 telephoto lens.

EQ-1 paralactic assembly The "hanged" telescope has been mounted on an EQ-1 class parallax mount with an adjustable height field aluminum stand. It is an assembly with sufficient stiffness to perform visual observations, and after the appropriate mounting position allows to compensate for the rotation of the celestial sphere by moving only in the axis of right ascension. In addition, the assembly can be equipped with a uniaxial drive (clock mechanism).

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Usage Moon the planet clusters nebulae scenery Technical parameters

- Optical system: Maksutow - Cassegrain
- Active diameter (aperture): 80 mm
- Focal length of the lens: 1000 mm
- Lighted: 1 / 12.5
- Switching capacity: 1,6'
- Theoretical range: 11th magnitude
- Maximum useful magnification: 160x
- Height of the tripod [cm]: 70 - 123
- Assembly weight: 3.6 kg
- Weight of the optical tube: 1.35 kg

Equipment The set includes the following accessories:

- 1.25" focuser
- Eyeglasses: Super 25 mm (over 40x) and Super 10 mm (over 100x) - 1.25" standard, 50 ° own field of view
- Angled mirror 90 ° (gives an uninverted, terrestrial image)
- Star Pointer type finder (collimator)
- Parallactic assembly with micromovements and accessory stand
- Lightweight and stable aluminum tripod

Warranty lifetime manufacturer's warranty, 2 years shop warranty Warning! This device focuses a lot of light. Looking directly at the sun through this device can result in partial or complete loss of vision. For the observation of the Sun, we recommend the safest method of spectacle projection, that is, projecting the image of the target of our day star on a piece of paper.

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