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Optical tube Schmidt-Cassegrain with a mirror diameter of 235 mm and a focal length of 2350 mm - its optics consist of a main mirror, aspherical correction plate, secondary mirror and an angle cap with eyepiece. The tube weighs 9.1 kg and is 559 mm long - considering the considerable aperture it is still a fairly handy telescope. As a rule, Schmidt-Cassegrain telescopes have shorter focal lengths than Maksutov telescopes and find more universal applications. All the more so in these telescopes it is possible to reduce the light to $f / 6.3$ using a special focal length reducer, which is attached to the focuser. SCT telescopes are short, relatively light, with large apertures much more practical in use than Newton telescopes. Focusing is done just like in Maksutov telescopes with the knob in the back wall of the telescope, turning the knob shifts the mirror of such a telescope forward or backward, which changes the focus position at the output of the optical tube. The telescope is equipped with the StarBright XLT system. Light transmission increases by 16% compared to traditional coatings! This telescope allows for very advanced observations of the Moon and planets, while under a dark sky it will show numerous deep sky objects such as open clusters, globular clusters, planetary

nebulae and bright galaxies. The tube is equipped with a dovetail rail in the Vixen / CG-5 standard. Also included is the mirror angle attachment, 6x30 optical finder and 25mm 1.25" eyepiece. Technical parameters

Optical system: Schmidt - Cassegrain

Lens diameter: 235 mm

Focal length of the lens: 2350 mm

Lighted up by: 1/10

Antireflective layers: StarBright XLT

Resolution: 0.57"

Theoretical star range: 15.3 magnitude

Minimal useful magnification: 35x

Maximum useful magnification: about 450x

Length: 559 mm

Weight: 9.1 kg

Equipment

The set includes the following accessories:

25 mm / 1.25" eyepiece (over 81x)

1.25" focuser, internal focusing (with a mirror)

90° elbow fitting 1.25"

integrated dovetail CG-5 / EQ-5 / Vixen

6x30 optical finder

Usage Moon the planet nebulae planes scenery

Warranty 3 years (below photos of the 8" version)