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


The Orion Skyquest XT8 is a large Newton's telescope with a 203 mm main mirror on Dobson's mount. It is an excellent observation equipment for all astronomy enthusiasts expecting very good images in the observations of the Solar System objects (Moon with craters, Jupiter with four moons perfectly visible stripes, Mars with caps in favorable opposition time, Saturn with the system of rings With the visible gap of Cassini, the phases of the inner planets, the shields of Uranus and Neptune, many asteroids and - when fate gives - comets), double and multiple stars, variable stars and deep cosmos (very numerous nebulae, galaxies, open clusters and spherical). A telescope with such specific parameters has been recommended for years, classically recommended for ambitious observers of the sky. Dobson's assembly is the simplest and the cheapest type of telescope assembly, which works very well in visual observations and observations of airplanes. It also allows for the fastest setting of the telescope in the area of the sky that interests us. Control of the assembly takes place by manually moving it in two axes, in the azimuthal (horizontal) plane and in the vertical (height) axis. OFFERED TELESCOPIC LETS START OBSERVATIONS ON THE FIRST WEATHER - INCLUDES ALL NECESSARY ACCESSORIES Usage Moon the planet star clusters nebulae planes Technical parameters

- optical system: Newton's telescope (reflector)
- 203 mm lens diameter
- focal length: 1200 mm
- light gathering power: 5.9
- optical quality: diffraction-limited
- figure of the mirror: rotating paraboloid
- mirror glass: borosilicate, with low coefficient of thermal expansion
- tube material: steel
- star range: 14.2 mag
- resolution: 0.57 arc seconds
- minimum useful magnification: 27x
- maximum useful magnification: 400x
- destiny: observation and photographing of planets, observation of brighter nebular objects
- assembly: Dobson, box, wooden
- bearings / pads: PTFE, UHMW
- Extract: 2 "Crayford
- allows you to connect accessories: 1.25 "and 2"
- optical tube length: 121.4 cm
- optical tube weight: 9.2 kg
- assembly weight: 9.4 kg
- total weight of the telescope ready for observation: 18.6 kg

Equipment

- 5x24 EZ Finder II hybrid optical and projection finder
- Orion Sirius Ploessl 25mm 1.25 "eyepiece (48x)
- Crayford 2 " Warranty 1 year

CorrecTension springs ensure easy assembly and good balancing of the tube; strong screws in combination with friction pads ensure balancing, secure attachment and fixed position of the tube even when using heavier glasses good 1.25 "spectacle hood with high work culture and good rigidity Poess eyepiece - Orion Sirius 25 mm allows you to get 48x magnification - very versatile collimator finder EZ Finder II is the fastest way to set bright objects (Moon, planets), as well as a very simple and quick way to set the telescope to the sky, when we know the location of the object in relation to the stars; offers a very wide field of view, the initial alignment of such a finder with the whole telescope is fast and intuitive

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