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This telescope is ideal for observing nebular objects as well as open, spherical clusters and a number of beautiful galaxies. The use of additional filters, in particular the nebula filter, will enable us to improve the image quality of nebulae, in particular in places illuminated by artificial light. It should be remembered that within the scope of the telescope are also all planets of the solar system, but moreover, many of their moons, although the precision of conducting at high magnifications is smaller than in microscopes with micromovement. The telescope also performs well with observations of our natural satellite, though here due to the Quantity On ? lying ?wiat³a fall into a nearly full moon should use a filter, preferably a neutral gray (neutral density). A large, slightly over 20 centimeter mirror collects over 800 times more light than the human eye. The mirror is made of Pyrex glass, ie boron-silicon glass consisting of 8% boron oxide and 85% silicon oxide. It is the admixture of boron oxide that makes the mirror slightly lighter and, above all, has a lower coefficient of thermal expansion, which positively affects the quality of the images obtained. Of course, although the size of the mirror is important, the telescope is also very well designed and retrofitted. Focal length 1200 mm, giving light f / 6, perfect 2 inch Crayford lift with reduction to 1.25 ", large 9x50 finder, two K-25mm and 10mm glasses, and Dobson's intuitively simple azimuth mount. g has a T-2 thread that allows you to attach a DSLR camera to allow you to photograph bright objects (appropriate proper reduction is required for your camera, i.e. Canon, Nikon, Sony Alpha, Pentax or Olympus). Dobson's assembly is the simplest and the cheapest type of telescope assembly, which works very well in visual observations. Control of the assembly takes place by manually moving it in two axes, in the azimuthal (horizontal) plane and in the vertical (height) axis, which works well at low and medium magnifications. The telescope consists of an optical tube with dimensions of 112x23 cm and a weight of 8 kg as well as azimuthal assembly weighing 12 kg. The telescope is originally packed in two cardboard boxes and is collimated and prepared for observation after assembling the assembly. In addition to astronomical observations, this telescope works great in observing and photographing aircraft at cruising altitudes OFFERED TELESCOPIC LINKS TO START OBSERVATIONS IN THE FIRST FRONTIGHT OF NIGHT - INCLUDES ALL NECESSARY ACCESSORIES, OPTICAL OPTICAL TUBE OPTION, SET WITH GLASSES AND DOOR INSTALLATION Usage Moon the planet star clusters nebulae planes (a complete Newton telescope mounted on Dobson's assembly) (main mirror - rear view) (Craford eyelet extractor and 9x60 finder) (powerful mirror ? = 203 mm, thin arms, secondary mirror) (in the set there is a adapter for glasses in the frame 2 inches / 50.8 mm) (telescope base equipped with an accessory shelf and a carrying handle) (accessories included: two 25 and 10 mm glasses, 2 "and 1.25" adapters) (Dobson's assembly - azimuthal - in motion in the height axis is counter-balanced with pressure handles on the side of the tube - on the photo the telescope 6 ") (rotation in azimuth, ie left-right, mounting mounted on Teflon washers - 6 "telescope) Technical parameters â€¢ Optical system: Newton's headlamp â€¢ Diameter of the mirror: 203 mm â€¢ Focal length of the lens: 1200 mm â€¢ Lighted: 1/6 â€¢ Accuracy of the mirror's performance: 1 / 8? â€¢ Mirror glass type: Pyrex â€¢ Maximum useful magnification: 400x â€¢ Weight: 20 kg Equipment The set includes the following accessories: â€¢ Crayford focuser 2 "with 1.25" reduction and T2 thread â€¢ K-25 mm (over 48x) and 10 mm (over 120x) glasses â€¢ Dobson's assembly (azimuthal) â€¢ 9x50 finder with a cross Warranty 3 years 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. ADDITIONAL MATERIALS READ : BEFORE BUYING TELESKOP - GUIDE FOR BUYERS [PDF] READ : A SHORT OPTICAL CLEANER GUIDE [PDF] READ : HOW TO GET A COMPACT WITH A TELESCOPIC [PDF] PLEASE READ : HOW TO GIVE A DIGITAL MULTIPLE TELESCOPE [PDF]