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Sky-Watcher N-254/1250 DOB 10 "FLEX is a foldable / telescope mirror with a diameter of 254 mm on a Dobson box azimuth mount. The classic Dobson system has been modified to achieve higher mobility. The truss tube has been constructed in a way allowing for quick spacing at the observation site, instead of a 120 cm tubular tube we move the assembled tube to a length of about 90 centimeters. This telescope, when unfolded, is easily collimated using a laser collimator, while the lattice is rigid enough to maintain the correct collimation during the whole observation session. The bearings in the azimuthal axis allow the telescope to be rotated precisely using the minimum force. When setting the height, we can adjust the pressure continuously. The telescope is equipped with the Crayford's precision eyepiece, allowing the use of 2 "and 1.25" glasses 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 FRONTLIGHT OF NIGHT - INCLUDES ALL NECESSARY ACCESSORIES, OPTICAL OPTICAL TUBE OPTION, SET WITH GLASSES AND DOOR INSTALLATION Usage Moon the planet star clusters nebulae planes Technical parameters ∅ Optical system: Newton's headlamp ∅ Diameter of the mirror: 254 mm ∅ Focal length of the lens: 1250 mm ∅ Lighted: 1/5 ∅ Diameter of the secondary elliptical mirror: 58 mm ∅ Accuracy of the mirror's performance: 1 / 8? ∅ Mirror glass type: Pyrex ∅ Theoretical angular resolution: 0.45 " ∅ Maximum usefu magnification: 500x ∅ Length of the extension tube: 120 cm ∅ Length of the composite tube (pushed together): 90 cm ∅ Outer tube diameter: 30 cm ∅ Base weight: 12.5 kg ∅ Tube weight: 15 kg Equipment The set includes the following accessories: ∅ Crayford focuser 2 "with 1.25" reduction and T2 thread ∅ 25 mm and 10 mm glasses ∅ Dobson's assembly (azimuthal) ∅ 8x50 finder with a cross Warranty 3 years (a complete mirror telescope with a mirror diameter of 10 inches, ie over 25 cm) (Dobson mounting structure, movable tube) (a powerful main mirror with a diameter of over 25 cm) (side mirror, binding) (8x50 scope finder) (Crayford 2 "with a reduction of 1.25") (truss fixing system) (binding of the main mirror) (telescope dimensions) (accessories included: 2 glasses and 2 "adapter) 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]