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GSO 90 ATZ is a complete astronomical telescope with excellent optical parameters and a high class of mechanics. You can not even compare it to cheap sets for several hundred zlotys. A perfectly corrected achromatic doublet surprises the quality of the images obtained. The eyepiece extractor is Crayford made in CNC technology, two-inch with reduction. Glasses are Super Ploessle, very well made. GSO 90 ATZ is a set for both city and trips, but above all it is a telescope for people who have higher expectations as to the quality of their equipment. About ATZ assembly The multifunctional GSO azimuth assembly is a solid and stable way to mount and operate the telescope. Provides lifting capacity up to 7 kg. It is especially recommended for beginner and intermediate enthusiasts of astronomy and nature observers. Simple targeting and movement behind objects This assembly offers two modes of movement of the optical instrument. Properly selected bearings allow you to change the position of optical instruments through the pressure of your hands without the need for locks and other types of control. The squeegee gears allow for precise movement behind the observed objects by changing the position in both axes. This movement is carried out by manually operating the knobs. You do not need to move from one mode of movement to another, it is possible to apply both at once. Universal and easy mounting of the optical instrument The GSO azimuthal assembly is simple and compatible with most dovetail rails available on the market. Optical instruments for bird observation, such as observation telescopes and photographic equipment, can also be placed on rails of this type. The easy-to-use rail release mechanism allows quick replacement of the equipment. It also provides a quick correction of the position of optical instruments to establish the center of gravity. Stable, height adjustable tripod The GSO azimuthal assembly was mounted on a rigid field stand with adjustable height of aluminum legs in the range of 90cm to 130cm. It is possible to use the mount for photographic purposes on the optional dovetail photo rail. The tripod legs provide more stability than most standard photographic tripods as well as 360 ° rotation. Simple setting and operation The GSO azimuthal assembly has been designed mainly for astronomical observations, which will not require advanced astronomical knowledge. There is no need to set the polar or computer setting, also the power supply is not required. It is enough to mount the telescope and the system is ready for observation. Destiny This assembly is intended for small and medium telescopes, eg short refractors with diameter up to 130 mm, 8 "Schmidt-Cassegrain telescopes, compact Newtons up to 6" diameter. The assembly is up to 7kg, which allows a wide range of accessories. Thanks to the micro-movements knobs it will be possible to track objects at 300x magnification, and after gaining experience even higher magnification should not cause any problems. The GSO azimuthal assembly was designed in such a way that even longer telescope tube with a significant inclination did not interfere with the legs of the tripod, which is a common problem of azimuthal assemblies. The GSO assembly is also characterized by compact dimensions and low weight. If necessary, it can be disassembled into small, easy to carry parts that can be taken anywhere. OFFERED TELESCOPIC LANDS TO START OBSERVATIONS IN THE FIRST FALLING NIGHT - INCLUDES ALL NECESSARY ACCESSORIES Usage Moon the planet star clusters nebulae scenery Technical parameters of the optical tube € Optical system: lens telescope (achromatic refractor) € Lens diameter: 93 mm € Focal length of the lens: 900 mm € Lighted: 1 / 9.68 € Switching capacity: 1.25 " € Theoretical range: 12.5 magnitude € Maximum useful magnification: 185x € Length of the optical tube: 95 cm (92 cm without extractor) € Outer diameter of the tube from the front (? odroŹnika): 11.5 cm € Extraction range of the extractor: 7.5 cm € Weight: 2.7 kg (without clamps) € Weight of clamps: 365 g € Dovetail rails weight: 180 g Basic technical parameters of assembly € Material of the tripod: aluminum € Weight of mounting with a tripod: 6.2 kg € Lifting capacity: 7 kg € Microphone knobs: YES € Squeegee bearings and gears for precise motion control Equipment The set includes the following accessories: € Crayford 2 "focuser with reduction to 1.25" € Ploessla glasses 25 mm (over 36x) and 9 mm (over 100x) - in 1.25 "standard € 90 ° right angle mirror attachment € 6x30 targeting scope € Extender 50 mm Warranty 2 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. READ : A SHORT OPTICAL CLEANER GUIDE  [PDF] READ TO: HOW TO CONNECT COMPACT WITH TELESCOPIC  [PDF] READ TO: HOW TO JOIN THE DIGITAL MALE WITH A TELESCOPIC  [PDF]