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Sky-Watcher N-305/1500 OTAW Dual Speed Telescope on SynScan NEQ-6 PRO GOTO parallactic mount The new Sky-Watcher BKP 300 OTAW Dual Speed optical tube combines a powerful, 12-inch, excellent parabolic mirror and two additional enhancements. First, the Crayford 2 extractor was equipped with a 10: 1 microfluxer, but the tube was shortened to extend the main focus to allow for smooth focusing in astrophotography in the focus of the mirror. Sky-Watcher BKP 300 OTAW Dual Speed is a complete optical system tube designed for both astrophotography and highly advanced visual observations, both solar system objects, as well as clusters, nebulae and galaxies. SynScan NEQ-6 PRO GOTO paralactic assembly, the best montage for advanced astrophotography in a reasonable budget SynScan NEQ6 PRO GOTO paralactic assembly is a precise instrument capable of working under a high load, available at a very favorable price. The assembly works well for visual observations as well as for short non-guided exposures using CCD cameras with most conventional telescopes. It easily cooperates with refractors with an aperture up to 200mm (8 ") and Newtons with an aperture up to 12-14". The weight of the assembly together with counterweights is 26.5 kg. The total load is estimated at 24 kg. The NEQ6 mounting head has engraved aluminum adjusting rings and a scale of latitude. As standard, the mounting is equipped with a polar scope and its mounting, level indicator, solid locking clamps in the RA and DEC axes, a drive mounted in both axes and an extending counterbalance rod with counterweights. The set includes two counterweights, each weighing 5.4 kg. The tripod is based on a two-inch diameter legs made of stainless steel profiles, thus guaranteeing maximum stability of the entire system. Adjusting the height of the tripod with the EQ6 mounting is possible from 1069 mm in the lowest setting up to 1544 mm in the highest setting when the tripod legs are maximally distributed. The height of the mount itself (without a tripod) EQ6 is 406 mm. Mounting the optical tube for assembly is possible with the "dovetail" mounting rail available in the Celestron offer or other manufacturers of astronomical equipment. The GoTo SynScan remote control is a full and extended version that allows tracking and finding objects in the sky. The SynScan remote control provides three tracking speeds: stellar, lunar, solar objects in Dual Axis (RA) modes, RA (RA axis). The following alignment procedures are available: One-star Alignment, Two-star Alignment, Three-star Alignment. The database contains 25 definable objects by the user, as well as a full database of Messier, NGC and IC objects (13,366 objects in total). The pilot has also been programmed to easily find planets or the moon. Among its advanced features, it is worth paying attention to the mode of minimizing vibrations during long exposure shooting and software error correction periodic (PEC), as well as PC ports to control the telescope using a computer (RS-232 port) and Auto-Guide for precise alignment during photography with a tracking camera. The set includes a power cable for the cigarette lighter socket and an RS-232 cable for computer-to-assembly communication. Technical parameters of the optical tube " Optical system: Newton's headlamp " Mirror figure: rotating paraboloid " Diameter of the mirror: 305 mm " Focal length of the lens: 1500 mm " Lighted: 1/5 " Accuracy of the mirror's performance: 1 / 8? " Switching capacity: 0,4 ' " Theoretical range: 14.5 magnitudes " Maximum useful magnification: 600x " Dimensions (diameter x length): 355 x 1450 mm " Weight: 18 kg Technical parameters of assembly " power supply: 12 VDC 2Amp " drive type: 1.8 ° stepper " resolution: 0.144 of a second arc " travel speeds: 2X, 8X, 16X, 32X, 64X, 400X, 500X, 600X, 800X Gear Ratio: 705 " Tracking speed: star, moon, solar " Dual Axis tracking mode (biaxial), RA (right ascension) " alignment procedures: One-star Alignment, Two-star Alignment, Three-star Alignment (ie the procedure for setting one, two or three stars) " database: 25 definable objects by the user, full database of Messier, NGC and IC objects (total of 13436 objects) " minimizing vibration when shooting with a long exposure time " programmable PE correction (periodic error) " PC port to control the telescope using a computer (RS-232 port) " Auto-Guide port for precise alignment during photography using a professional camera " assembly type: parallactic German " assembly of the optical tube: clamps (rings) " microcaps: RA & Dec (controlled by the drive) " tripod: 2 "steel " tripod height: 85-147 cm " tripod weight: 7.5 kg " Counterbalance rod diameter: 1.8 cm " material for the counterbalance rod: stainless steel " assembly weight without counterweights: 16.3 kg " assembly weight with counter-weights: 26.5 kg " mounting height: 41 cm " counterweight: 2 x 5.1 kg + additional counterweights 2 x 5.2 kg " maximum lifting capacity: approx. 26 kg Usage Moon the planet star clusters nebulae astrophotography Equipment The set includes the following accessories: " Crayford 2 " / 1.25 " focuser with micro-processor 10: 1 " 28 mm LE 2 "eyepiece " 8x50 targetting scope " tube clamp " dovetail rail Warranty 2 years Additional assembly photos (parallactic assembly: head with engines and GOTO search system set on a steel field tripod) (polar field) (SynScan remote control) (cables included: for communication with the RS-232 computer and power supply for the cigarette lighter) 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 : A SHORT OPTICAL CLEANER GUIDE <img src="https://teleskopy.pl/pdf/tis/icon_download.gif" [PDF] READ TO: HOW TO CONNECT COMPACT WITH TELESCOPIC <img src="https://teleskopy.pl/pdf/tis/icon_download.gif" [PDF] READ TO: HOW TO JOIN THE DIGITAL MALE WITH A TELESCOPIC <img src="https://teleskopy.pl/pdf/tis/icon_download.gif" [PDF]