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Optical tube SkyWatcher MAK 180/2700 OTA + assembly EQ5 on steel tripod 1.75" The Maksutov optical system is one of the most valued optical constructions, widely appreciated for its mobility, ease of use and multi-functionality. It is an excellent choice of both astronomical observations, as well as earth observations and aircraft observations. Excellent optics provide an extremely sharp image throughout the field of view. The telescope consists of the meniscus correction board, the main mirror and the secondary mirror placed on the inner part of the meniscus. These telescopes have a reduced coma and show only a substantial chromatic aberration, giving very sharp and expressive images. A great advantage of the Maksutov telescopes is the compact and compact design and light weight. Due to their large focal length and low light, they are perfectly suitable for planetary observations. This type of construction works well in urban environments, where the main emphasis is on solar system objects, and smaller on nebulae. The EQ5 (CG-5) parallact mount offers exceptional stability and precision along with many other high-performance features that are useful for anyone, even an advanced astronomer. The assembly head reliably rests on a wide platform mounting stand made of stainless steel and equipped with a useful accessory table. The set also includes a level indicator (level), adjustment of the geographical width setting along with a micrometer scale and an azimuthal setter for setting the polar scope with a polarity star. The EQ5 also has engraved aluminum adjusting rings and microcontroller knobs. Mounting can optionally be equipped with a polar spot scope and drive in one or two axes. Mounting equipment EQ5 (with set) \varnothing tripod / tripod steel 1.75" (44.5mm) \varnothing two counterweights Technical parameters of the optical tube \varnothing Optical system: Maksutov - Cassegrain \varnothing Lens diameter: 180mm \varnothing Focal length of the lens: 2700mm \varnothing Lighted: 1/15 \varnothing Switching capacity: 0" \varnothing Theoretical range: 14th magnitude \varnothing Maximum useful magnification: about 400x Equipment The set includes the following accessories: \varnothing 2" spectacle lift \varnothing Long Eye Relief 2" 28mm eyepiece \varnothing Angle mirror 90° 2" \varnothing Integrated dovetail \varnothing Optical finder 9x50 \varnothing Sky-Watcher EQ5 parallax montage with micromovements Usage Moon the planet nebulae planes scenery Warranty 3 years (Maksutov's complete optical tube with diameter 180mm on rigid EQ5 parallactic assembly) (assembly on steel legs, diameter: 1.75", with stand for accessories, microtours on chirators in two axes, with the possibility of connecting motors or the GOTO system) (internal focusing system; accessories) (the tube is mounted on the assembly by universal dovetail in the Meade LXD / Sky-Watcher / Vixen standard) (Active diameter 180mm for the Maksutov system telescope are fantastic images of planets, as well as many clusters and nebulae, in the set a very good 9x50 finder with a cross) (Angle connector is equipped with a 1.25" reduction, so you can use glasses in both 2" and 1.25" standards) PHOTOS PERFORMED WITH THIS TELESCOPIC (Moon, click to enlarge) (Jupiter, click to enlarge) (Moon, click to enlarge) (Jupiter, click to enlarge)