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SkyWatcher MAK 90 is an optical tube in the Maksutów - Cassegrain system with a diameter of 90 mm and a focal length of 1250 mm. Tuba works as a short balcony planetary spotter, providing very high contrast when observing bright and compact objects (Moon, planets, bright clusters and galaxies), because it is practically free of chromatic aberration and is not sensitive to atmospheric instability. . In addition, it is a good choice for those who are looking for a very portable telescope with a lot of observation possibilities, one that will be a companion for many trips to the dark, rural sky, while occupying very little space in the trunk of the car. The Maksutowa-Cassegrain 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, not on nebulae. Additional advantages are focusing is performed not through the external sliding puller, but through the micrometer screw moving the main

telescope mirror. This method of focusing the image provides a very wide range of sharpness adjustment, thanks to which virtually any astronomical accessories work well with the tube, and the clearances on the extractor simply do not exist. \varnothing T2 thread in the eyepiece extractor The eyepiece extractor is equipped with a T2 thread (M42x0.75), so you only need a T2 ring for the bayonet of your camera to connect the SLR (Nikon, Canon EOS, Sony ?, Olympus E, Olympus 4/3, Pentax K). In this way, we can use the telescope to take pictures of the Moon and planets or use it as a 1250mm f / 14 telephoto lens. \varnothing fixing to a photographic tripod The tube can be attached to any rigid photographic tripod through a standard 1/4 inch thread. Usage Moon the planet star clusters nebulae scenery Technical parameters \varnothing Optical system: Maksutow - Cassegrain \varnothing Lens diameter: 90 mm \varnothing Focal length of the lens: 1250 mm \varnothing Lighted: 1/14 \varnothing Switching capacity: 1,3' \varnothing Theoretical range: 12.5 magnitude \varnothing Maximum useful magnification: 180x \varnothing Dimensions of the optical tube [cm]: 10 x 10 x 24 \varnothing Weight of the optical tube: 1.5 kg Equipment The set includes the following accessories: \varnothing 1.25" focuser \varnothing Glasses: PL 20mm (over 62.5x) and 10mm (over 125x) - in 1.25" standard, 50 ° own field of view \varnothing Angled mirror 90 ° (gives an uninverted, terrestrial image) \varnothing Star Pointer type finder (collimator) \varnothing Cover / transport bag Warranty 3 years READ : A SHORT OPTICAL CLEANER GUIDE  src="https://teleskopy.pl/pdf/tis/icon_download.gif" [PDF] READ TO: HOW TO CONNECT COMPACT WITH TELESCOPIC  src="https://teleskopy.pl/pdf/tis/icon_download.gif" [PDF] READ TO: HOW TO JOIN THE DIGITAL MALE WITH A TELESCOPIC  src="https://teleskopy.pl/pdf/tis/icon_download.gif" [PDF] PHOTOS PERFORMED WITH THIS TELESCOPIC (Moon, click to enlarge) (Moon, click to enlarge) (Moon, click to enlarge)