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The Celestron Astromaster 90 EQ telescope is a very well-designed classic refractor with a parallormal assembly with micromovements. The operation of the telescope is always much simpler than the Newton telescope, while the parallormal assembly enables efficient tracking of the searched object. This telescope is dedicated to the observation of the moon, planets and the nicest objects of the deep sky. Due to the high contrast of images, characteristic of refractors, it is a telescope recommended for observation in urban areas, typically "planetary". With this telescope you will see, among others:  craters on the moon - the result of cosmic collisions  Mercury's and Venus' phases - evidence that they are moving closer to the Sun than Earth  Mars shield  belts in the atmosphere of Jupiter and its four moons - observing the changes in the positions of the moons of Jupiter, we watch the solar system in a miniature  Saturn's ring  shields of Uranus and Neptune, planets unknown to the Ancient  the brightest asteroids, such as Ceres and Westa  comets - ice lumps traversed by the Solar System  the color of stars, double stars and variable stars  the Orion nebula, Andromeda galaxy, the Sagittari cluster, hi chi in Perseus and much, much more. To carry out the above observations, a little commitment and patience is enough, and the results will be absolutely fascinating. OFFERED TELESCOPIC LINKS TO START OBSERVATIONS IN FIRST WEATHER NIGHT - CONTAINS ALL NECESSARY ACCESSORIES, OPTICAL OPTICAL TUBE OPTICS SUITABLE WITH A SET OF SUNGLASSES AND PARALACTIC INSTALLATION ON A STEEL TRIANGLE Technical parameters  Optical system: refractor (achromatic doublet)  Lens diameter: 90 mm  Focal length of the lens: 1000 mm  Lighted: 1 / 11.1  Theoretical range: 12,3mag  Maximum useful magnification: 180x  Height of steel tripod: 106 cm  Distance between the legs at the maximum tripod height: 110 cm  Weight: 9 kg Usage Moon the planet star clusters nebulae scenery Equipment The set includes the following accessories:  1.25 "focuser  Plossl glasses: 20mm (over 50x) and 10mm (over 100x) - 1.25 "standard, 50 ° own field of view  StarPointer sighting device  Parallactic assembly with microcompasses  Adjustable height steel tripod  90 ° / 1.25 "angle attachment  Accessories stand  Educational CD "Sky Level 1" (in English) 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.