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The Celestron PowerSeeker telescope series has been designed to give the beginner astronomer a perfect combination of quality, ability and price. Celestron Powerseeker telescopes, offering an exceptional price, mobility and extensive equipment are the perfect introduction to the world of amateur astronomy. The unique design and affordable price and great opportunities are the main advantages of this series. Telescopes of this series give clear and contrasting images of the Moon and planets. PowerSeeker 80AZ is a lens telescope that collects over 130 times more light than the human eye. It is mounted on an azimuthal assembly of a versatile application suitable for both astronomical and terrestrial observations. The 80 mm lens allows observation of the Sun (special filter required), Moon, Mercury, Venus, Mars, Jupiter along with moons, Saturn, Uranus and Neptune. Within the range of the telescope, there are lighter comets, asteroids and beyond the Planetary System: galaxies, nebulae, globular and open clusters, double and multiple stars. Due to its low weight and short focal length, the telescope is ideally suited as a portable device that can take vehicles in regions with better air transparency far from big cities. OFFERED TELESCOPIC LINKS TO START OBSERVATIONS IN THE FIRST WEATHER NIGHT, CONTAINS SUNGLASSES AND STATIC Technical parameters â€¢ Optical system: refractor (lens telescope) â€¢ Diameter of the mirror: 80 mm â€¢ Focal length of the lens: 400 mm â€¢ lighted: 1/5 â€¢ Optical layers: FC â€¢ Extract: 1.25 " â€¢ Range of useful magnifications (min / max): 11.5x / 160x â€¢ Lim range: 12 magnitudes â€¢ Image orientation: terrestrial, not inverted up-down Equipment The set includes the following accessories: â€¢ eyepiece: 20 mm (magnification 40x) â€¢ finder: 5x24 â€¢ 1.25 "/ 90 ° angled insert â€¢ assembly: azimutha â€¢ tripod: aluminum 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.