


teleskopy.pl



The Meade ETX 80 AT telescope is an ideal observation device for beginner astronomy enthusiasts. Compact size, ease of use, compact design make it an instrument that can be taken on almost any trip. The high quality of the optics guarantees a lot of aesthetic impressions. The Autostar control system makes it easy to find thousands of starry sky objects. Everything is for a very reasonable price! OFFERED TELESCOPIC LANDS TO START OBSERVATIONS IN THE FIRST FALLING NIGHT - INCLUDES ALL NECESSARY ACCESSORIES Technical parameters

- Optical system: achromatic refractor
- Lens diameter: 80 mm
- Focal length: 400 mm
- light: f / 5
- Length of the tube: 36
- Diameter of the tube (min / max): 85,9 mm / 95,1 mm
- Diameter on the lens side: 95.1 mm
- Height of the set up field tripod (working, min / max): 69.5 cm / 115.5 cm
- Height for telescope eyepiece with spaced mounting (max.): 140 cm
- Length of tripod in transport condition: 73.5 cm (bag with tripod: 75 cm high)
- Power supply: 6 x AA 1.5 V (9 V)
- Weight: 8.5 kg (in the original packaging), including: complete telescope (tube, assembly, tripod, accessories, tripod bag): 5.52 kg telescope on assembly: 4.67 kg tube with head: 2.80 kg field tripod: 1.87 kg Equipment: SP 26 mm and 9.7 mm SP glasses (magnification 15,4 x and 41.2 x respectively)
- assembly with engines and the GOTO Autostar system (searching and tracking objects)
- Aluminum three-leg tripod with accessories shelf and carrying case

Usage Moon the planet star clusters nebulae scenery Warranty 2 years ADDITIONAL MATERIALS READ : A SHORT OPTICAL CLEANER GUIDE  [PDF] READ TO: HOW TO CONNECT COMPACT WITH TELESCOPIC  [PDF] READ TO: HOW TO JOIN THE DIGITAL MALE WITH A TELESCOPIC  [PDF] >> FREQUENTLY ASKED QUESTIONS << Question : Will the beginner handle the submission and operation of this telescope? Answer: For each telescope we provide a comprehensive instruction in Polish, from which the user will learn how to assemble a telescope and how to use it during observation. Customers usually do not have any problems with submitting the telescope if they only read the instructions. A separate issue is searching for objects in the sky during the first observations. That is why we recommend educational items in the Publications section (especially maps and astronomical guides) and Stellarium: an excellent, free "planetarium" program in Polish, ideal for studying the sky and planning observations. ENJD- AND DOWNLOAD THE STELLARIUM PROGRAM FOR FREE Question : Can a digital SLR be connected to this telescope? What accessories are needed for this? Answer: Of course, YES, you can connect a DSLR to that and any other telescope. What you need for this is: a projection connector and a T2 ring that is specific to your DSLR (there are 5 standards for DSLRs: Canon EOS, Nikon, Olympus E, Petax K and Sony Alfa / Minolta AF). These connectors are available in our online store in the astronomical accessories department. Question : Can a compact camera be connected to this telescope? What accessories are needed for this? Answer: Of course you can. A suitable shelf for compact cameras can be loaded in the department of astronomical accessories in our online store (universal adapter for compact digital cameras). Question : Can the HYBREY camera (large compact camera and SLR camera) be connected to this telescope? What accessories are needed for this? Answer: You can make such attempts, but this is not recommended. So-called hybrids do not work well in astrophotography, because they do not have the ability to remove the lens like a SLR camera, but they have large sizes and large lenses, which makes the shelf systems ineligible, and the vignetting is large, because you can not bring the lens closer to the last optical surface of the telescope's eyepiece. We recommend buying a SLR or cheap compact. Question : What else is worth buying for this telescope? Answer: The presented telescope is a complete set ready to conduct astronomical observations on the first clear night. As an addition, we recommend educational publications in the first place, which will make using both the telescope and the observations themselves more conscious and simpler. In addition, it is worth considering the purchase of contrastive planetary filters and foils for the solar filter (available in the astronomical accessories department). Question : Can this telescope be used as a spotting scope / telescope for nature? Answer: Yes, the telescope offered is an achromatic refractor, for which, after using the angled connector (included in the set), we will receive an uninverted, terrestrial image. Thanks to this, this telescope can be used as an observation telescope. However, it is worth remembering that its main purpose is astronomical observations. The astronomical telescope is usually a bulky observation telescope. In turn, the observation / viewing telescope will give correct images of only some astronomical objects, offering a compact, easily portable, often waterproof construction. Question : Can I observe both planets and nebulae through this telescope? Is this a telescope only to the city or just to the countryside? Answer: All offered telescopes allow you to observe planets of the solar system (all) and nebulae, or more precisely galaxies, star clusters, emission nebulae etc. A separate issue is the clarity of planet surface details and the number and brightness of nebular objects. The smaller telescope has its own sky, large - its own, but we can always count on great observations of the surface structure of the Moon, Mercury and Venus, Mars shield, Jupiter belts and Jupiter's Galilean four moons, Saturn's ring and Uranus and Neptune shields. The nebular nebulae, such as the Andromeda M31 Great Nebula, the Orion Nebula M42, or the globular cluster in M13, always delight, even a small telescope will reveal several dozen of the most beautiful nebulae. In the end, the telescope after equipping it with a solar filter can be used to observe spots on the Sun's target. There is no division into telescopes to the city and, on the other hand , recommendations are more: if the telescope is used mainly in the city, in the conditions of pollution with urban light and high instability of the atmosphere (buildings emit heat at night, warming up the air and the image begin to "float" like in hot days over a hot road!), then the achromatic refractor (lens telescope) or Maksutov (meniscus - mirror) is recommended. Our goal will be mainly planets and compact objects. In turn, in the black, rural sky, it is worth to use the Newton's (mirror) telescope with the largest possible mirror for us, because we can count on a more stable and more transparent atmosphere and great opportunities to observe nebulae. Question : Does this telescope have a tripod / assembly included? Answer: Of course YES, each telescope has an assembly, unless it is described as OTA (Optical Tube Assembly).