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The SkyWatcher 150/750 is a reflecting telescope of the Newton system with a mirror diameter of 150 mm and a focal length of 750 mm. It allows to conduct very advanced visual observations of planets and the Moon, showing a large amount of details on the surfaces of these objects. Due to its construction, it is also recommended for observing nebular objects. Under good observational conditions, it can reveal hundreds of nebulae, galaxies and star clusters included in the Messier and NGC catalogs. The telescope is equipped with a 2-inch focuser with a reduction of 1.25 inches, which allows the use of any spectacles made in these standards. The extractor has an integrated T2 thread (M42x0.75) and allows you to attach the SLR body directly to the tube through the T-2 ring suitable for the device. Due to the convenient location of the focus of the main mirror (no problem with sharpening) and thanks to the short focal length, once equipped with a drive in one or two axes, this telescope is often chosen as the first instrument for serious astrophotography of the Deep Sky objects. The telescope's EQ3-2 paraglider montage is a recognized quality that guarantees high stiffness, enabling observation at high magnifications. The light, adjustable height aluminum stand is easy to carry and at the same time stable, while the accessory shelf and the precise micromovement mechanism on hand-operated scrolls complete the set. THE OFFERED TELESCOPIC LETS START THE OBSERVATIONS IN FIRST WEATHER NIGHT - CONTAINS ALL NECESSARY ACCESSORIES, OPTICAL TUBE OPTICS RESPECTLY SETTLED, INCLUDED WITH A COMPLETE OPTICAL TUBE AND TRIPOD (ASSEMBLY) Usage Moon the planet star clusters nebulae astrophotography Technical parameters

- Optical system: Newton's telescope
- Lens diameter: 150 mm
- Focal length of the lens: 750 mm
- Lighted: 1/5
- Switching capacity: 0,8'
- Theoretical range: 13.6 magnitude
- Maximum useful magnification: 300x
- Dimensions of the optical tube [cm]: 18 x 18 x 65
- Height of the tripod [cm]: 70 - 123
- Box dimensions: assembly: 43x26x87 cm, tube: 39x35x79 cm
- Weight: 18 kg (25 kg in the original packaging - 2 boxes)

Equipment The set includes the following accessories:

- 2 "spectacle lift with a reduction to 1.25" with a T2 photographic adapter
- Long Eye Relief Super 25mm (30x, 60x with Barlow lens) and 10mm (75x, 150x with Barlow lens) - 1.25 "standard
- Barlow lens 2x / 1,25 "
- 6x30 shooting scope with cross
- EQ3-2 parallactic assembly with scrolls on microspheres and spot for polar rounds
- Lightweight and stable aluminum tripod with accessory shelf

Warranty 3 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. ADDITIONAL MATERIALS READ : BEFORE BUYING TELESKOP - GUIDE FOR BUYERS [PDF] READ : A SHORT OPTICAL CLEANER GUIDE [PDF] READ : HOW TO GET A COMPACT WITH A TELESCOPIC [PDF] PLEASE READ : HOW TO GIVE A DIGITAL MULTIPLE TELESCOPE [PDF] User photo-review I bought this telescope in December 2011. I bought it for astrophotography. I bought the RA-axis drive and the polar scope with the telescope. After one year of use, I am very happy with it. The exact setting for the polarity star (I used the instructions available at <http://www.astronoc.pl/artykuly.php?id=13&str=0>) allows you to run for 60 seconds (I also tried photos with a 2 minute exposure time, but 50% of the material goes to the basket). Being able to work with a device without GoTo is very much developing the ability to "navigate" the night sky, and the satisfaction of finding and taking pictures of objects such as M101 or M33 is huge :-). Below are some photos taken with this telescope. When it comes to the teleskopy.pl store, I collected the goods personally in the living room in Krakow; efficient and reliable service. I am satisfied. (photos scaled for the needs of the site, click to open in full size in a new window) M81 and M82 Information about the photo • date of completion: 15/03/2012 • exposure / ISO time: 6x60 ss / 400 M101 Information about the photo • date of completion: 22/07/2012 • exposure / ISO time: 14x60 s / 1600 + 5x120 s / 1000 M33 Information about the photo • date of completion: 07/10/2012 • exposure / ISO time: 9x60 s / 1600 M15 • date of completion: 19/10/2012 • exposure / ISO time: 12x60s / 1600 All the above photographs were taken with the Sky-Watcher N-150/750 telescope at the EQ3-2 assembly. Place of observation: Pogrzebień near Raciborz. Contact to the Author of the review: [www.fotolooka.pl](http://www.fotolooka.pl) Placed with the permission of the Author, whom we thank for sharing the materials. OTHER PHOTOS PERFORMED BY THIS TELESCOPIC (Jupiter with the Great Red Spot and moons, click to enlarge) (Moon, click to enlarge) (Moon, click to enlarge) (Moon, click to enlarge) (Jupiter, click to enlarge) (Saturn, click to enlarge) (comet Holmes, click to enlarge) (comet Holmes, click to enlarge) (Venus, click to enlarge) SkyWatcher N-150/750 EQ-3-2 - main prize in the SkyQuest competition (Click to zoom) The SkyWatcher N-150/750 EQ-3-2 telescope was one of the two main prizes funded by Teleskopy.pl for the SkyQuest 2010 holiday competition ([www.skyquest.pl](http://www.skyquest.pl)). Telescope comparison Sky-Watcher N-150/750 EQ3-2 and Sky-Watcher N-150/1200 EQ3-2 Due to numerous questions about the choice between two very similar models, differing focal length, below a few comments and hints for thoughts. Sky-Watcher N-150/750 EQ3-2 • a shorter focal length is a brighter image in the focus - when taking pictures of the deep sky (nebulae, galaxies) we can get a clearer picture with the same exposure time compared to a 1200 mm telescope • shorter focal length means less vibrations of the assembly - important for long-term exposures • shorter focal length in Newton's telescope means easier transport (shorter tube) • SK 150/750 EQ3-2 is equipped with a 2 "lift with reduction to 1.25", SK 150/1200 EQ3-2 with a lift of 1.25 " • shorter focal length is the larger secondary mirror (higher light loss, slightly lower resolution • the telescope is more sensitive to collimation imperfections and prone to "losing" collimation Sky-Watcher N-150/1200 EQ3-2 • longer focal length is a smaller secondary mirror, consequently higher resolution, better images of the Moon, planets and globular clusters • longer focal length means larger planet sizes on the matrix when shooting at the main focus (with Barlow or without) • usually better results are obtained when we want to set in the telescope a large magnification, when we have a longer telescope focal length and longer focal length of the eyepiece, than by using an extremely short focal eyepiece in a short focal telescope (including a better eye relief ) • longer focal length ensures easier collimation and less susceptibility to "losing" • the telescope is not intended for longer exposures of deep sky objects in the main focus, either because of the lower brightness in the main focus, as well as the potentially greater vibrations of the assembly (although it may be well-suited when photographing "piggyback") from piggy-back ) The above notes are applicable not only to the above-mentioned models, but may serve as a guide when comparing other telescopes with analogous parameters (eg N-203/800 vs. N-203/1000, N-130/900 vs. N-130/650)