

# teleskopy.pl



Dobson telescope with a diameter of 8 inches with the GOTO system with 40,000 objects in the base Thanks to the large diameter, the DOB 8 "GOTO SynScan telescope is ideal for visual observation, allowing observation of both solar system objects, as well as nebulae, star clusters and galaxies. The telescope tubes of this series are folded, making this equipment even though It is easy to store and transport in a good way. Unlike other folding constructions, Sky-Watcher telescopes do not require dismantling the tube for transport. They are transported in the form of two elements - Dobson's assembly with the GOTO system and a folded tube. Such a telescope requires only a delicate collimation when it is disassembled or does not require it at all. The telescope's operation is facilitated by the patented by the Sky-Watcher pressure regulation in the height axis. The Dobsons with the GOTO system have been equipped with the SynScan AZ driver allowing the telescope to be directed to any direction of the sky in a simple way. The user-friendly menu allows you to easily select one of more than 42,900 objects stored in the system's memory. Thanks to the use of special encoders, it is possible to manually rotate the telescope without the need to reset the GOTO system. Telescopes of this type are a great combination of the advantages of large dobsonów with the convenience of the GOTO telescope.

**OFFERED TELESCOPIC LINKS TO START OBSERVATIONS IN THE FIRST FRONTLIGHT OF NIGHT - INCLUDES ALL NECESSARY ACCESSORIES, OPTICAL OPTICAL TUBE OPTION, SET WITH GLASSES AND DOOR INSTALLATION**

Usage Moon the planet star clusters nebulae planes Technical parameters

- Optical system: Newton's headlamp
- Diameter of the mirror: 203 mm
- Focal length of the lens: 1200 mm
- Lighted: 1 / 5.9
- Accuracy of the mirror's performance: 1 / 8?
- Mirror glass type: Pyrex
- Theoretical angular resolution: 0.59 "
- Maximum useful magnification: 400x
- Length of the extension tube: 112 cm
- Length of the composite tube (pushed together): 83.5 cm
- Outer tube diameter: 24 cm
- Base weight: 12 kg
- Tube weight: 11 kg

GOTO SynScan AZ system

- power supply: 10 to 15V, 1A, 2.1mm plug (standard container for 8x R20)
- drive: DC servo motors
- resolution of the motor encoder: 1620000 counts per revolution
- axis encoder resolution: 11748 counts per revolution
- speeds: 1x, 2x, 8x, 16x, 32x, 200x, 400x, 600x, 800x, 1000x
- tracking modes: star, lunar, solar
- tracking method: azimuth, in two axes
- setting modes: for the brightest star, for 2 stars
- database of objects: 25 defined by the user, Messier catalogs, NGC, IC, part of the SAO catalog, including 4,290 objects
- adjustment accuracy: up to 5 minutes

Equipment The set includes the following accessories:

- Crayford focuser 2 "with 1.25" reduction and T2 thread
- SP and 25mm SP glasses
- Dobson installation with the GOTO SynScan AZ system (40,000 objects in the base)
- 8x50 finder with a cross
- Warranty 2 years (203/1200 telescope on assembly with motors and the GOTO system) (easy to transport, sliding optical tube, and all the advantages of a large telescope) (SynScan remote control to control the guidance system) (engine in azimuth) (Crayford's extractor, 8x50 targeting scope with cross) (accessories in the set: 2 glasses and a 2 "adapter for glasses) (also in the set: RS232 computer cable and power cord for cigarette lighter)

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 \[PDF\]](#)