

# teleskopy.pl



The Sky-Watcher HEQ-5 Pro SynScan paralormal assembly was designed for users who need both the high stability needed for amateur astrophotography and advanced visual observations, while providing relatively small weight and mounting size. The assembly was equipped with two-axis drives, the GOTO SynScan computer system, the polar field scope, solid locking clamps in the axis of right ascension and declination, the counterbalance rod built into the head (pull-out). The tripod is based on 1.75 "legs and offers maximum stability of the whole set. The maximum lifting capacity is about 16 kg, with a mass of 19 kg. Mounting the optical tube for mounting is possible with the standard dovetail mounting rail (included) female dovetail, in the pictures a male dovetail is attached to a tripod - the dovetail is equipped with optical tubes, it is not equipped with the assembly). The GoTo SynScan remote control is a full and extended version that allows tracking and finding objects in the sky. The SynScan remote control provides three tracking speeds: stellar, lunar, solar objects in Dual Axis (RA) modes, RA (RA axis). The following alignment procedures are available: One-star Alignment, Two-star Alignment, Three-star Alignment. The database contains 25 definable objects by the user, as well as a full database of Messier, NGC and IC objects (13,436 objects in total). The pilot has also been programmed to easily find planets or the moon. Among its advanced features, it is worth paying attention to the mode of minimizing vibrations during long exposure shooting and software error correction periodic (PEC) as well as PC ports to control the telescope using a computer (RS-232 port) and Auto-Guide to precise alignment during photography with a tracking camera. Technical parameters

- power supply: 12 VDC 2Amp
- drive type: 1.8 ° stepper
- resolution: 0.144 a second arc
- travel speeds: 2X, 8X, 16X, 32X, 64X, 400X, 500X, 600X, 800X Gear Ratio: 705
- Tracking speed: star, moon, solar
- Dual Axis tracking mode (biaxial), RA (right ascension)
- alignment procedures: One-star Alignment, Two-star Alignment, Three-star Alignment (ie the procedure for setting one, two or three stars)
- database: 25 definable objects by the user, full database of Messier, NGC and IC objects (total of 13436 objects)
- minimizing vibration when shooting with a long exposure time
- programmable PE correction (periodic error)
- PC port to control the telescope using a computer (RS-232 port)
- Auto-Guide port for precise alignment during photography using a professional camera
- assembly type: parallactic German
- assembly of the optical tube: clamps (rings)
- microcaps: RA & Dec (controlled by the drive)
- tripod: 1.75 "steel
- tripod height: 85-147 cm
- tripod weight: 7.5 kg
- Counterbalance rod diameter: 1.8 cm
- material for the counterbalance rod: stainless steel
- assembly weight without counterweights: 9 kg
- assembly weight with counterweights: 19 kg
- mounting height: 41 cm
- counterweight: 2 x 5.1 kg
- maximum load: approx. 16 kg
- Warranty 2 years