

# teleskopy.pl



Sky-Watcher EQ6-R is a new version of the popular assembly NEQ-6 Pro subject to a facelift and technical modernization. The whole is controlled by GoTo SynScan system with a database of 42,900 objects.

The mounting has saddles that allow you to mount both dovetail rails in the Vixen standard as well as Losmandy type rails. For every assembly equipped with the Syn-Scan GO-TO system, we recommend an additional GPS module, enabling automatic and maintenance-free adjustment of the geographical coordinates of the place and the exact time of each observation. Technical parameters Head  $\varnothing$  carrying capacity: 20 kg without counterweight  $\varnothing$  weight: 17.3 kg  $\varnothing$  counterweight: 2 x 5 kg  $\varnothing$  Countersink bar diameter: 18 mm diameter  $\varnothing$  length of counterbalance rods: 240 mm + 180 mm  $\varnothing$  RA gear: D = 92.5 mm, 180 teeth, brass  $\varnothing$  Dec gearbox: D = 40 mm, steel Tripod  $\varnothing$  assembly type: parallactic  $\varnothing$  material: stainless steel  $\varnothing$  weight: 7.5 kg  $\varnothing$  Leg diameter: 2 "(50.8 mm)  $\varnothing$  height of the tripod: 127 cm Drive  $\varnothing$  voltage: DC 11 - 16 V / 4 A  $\varnothing$  motors: Hybrid stepper motors, step 1.8 degrees  $\varnothing$  RA drive transmission: squeegee gear 180: 1, backlash-free gear reduction on the toothed belt 48:12  $\varnothing$  total ratio: 720: 1  $\varnothing$  controller: microcontroller of stepper motors with division into microchips up to 1/64  $\varnothing$  drive resolution: 9216000 microchits per revolution  $\varnothing$  accuracy of guidance: 0.14 of a second arc  $\varnothing$  Tracking speed: star, moon, solar  $\varnothing$  tracking modes: paralactic / azimuthal  $\varnothing$  maximum travel speed: 4.2 degrees per second  $\varnothing$  autoguidation speed: 0.125 / 0.25 / 0.5 / 0.75 / 1x  $\varnothing$  PEC correction: 100 segments System  $\varnothing$  GoTo system: SynScan, Manual driver in V4 version  $\varnothing$  autoguidera port: ST-4  $\varnothing$  DSLR shutter release port: minijack 2.5 mm  $\varnothing$  mounting alignment modes: 1, 2, 3 stars (EQ), 2 stars (AZ) General  $\varnothing$  weight of the packed assembly: 21 kg + 15 kg (two boxes)  $\varnothing$  package sizes: 117 x 28 x 21 cm + 100 x 50 x 50 cm (two boxes)

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