

Classic 7"

Questar's commitment to quality, on which it has built its worldwide reputation, is immediately apparent in the superb resolution and mechanical precision of the Questar Seven. Those who want more aperture than the Questar 3.5 provides will marvel at the increased power and quadrupled light grasp available with its larger offspring. The Seven is a fully mounted astronomical telescope that is completely portable. You can use it on a table with its own polar equatorial support, or with Questar's Folding Pier.

The Questar Classic Seven Barrel Assembly includes black anodized and purple skinned precision machined 2540mm EFL f/14 tube assembly, lens cap, 16mm (159-318x) and 24mm (106-212x) eyepieces, Control Box multi port selector, with built in finder and axial photographic port, basic camera coupling set, thread on dewcap and carrying case. Weight of barrel assembly 22 lbs, in carrying case 42.lbs.



Classic 7"

Questar Astronomy Telescope

Datasheet



Technical data

Design type	Maksutov Cassegrain Catadioptric
Clear Aperture	178 mm
Focal length	Basic visual, 2540mm Camera close, 2800mm
Photographic field of view	1°15'
Finder lens	23mm dia, 184mm FL, 7x and 14x
Erecting system	Star Diagonal type, 90°
Eyepiece	24mm Brandon, 50° Ap Field, 16mm 4 lens Brandon, 50° Ap Field
Amplifying or barlow lens	Minus 66.06mm FL.
Corrector lens	BSC2, passes UV to 3300A°, IR to 1.5 microns, parfocal
Mirror	F2, low expansion Zerodur (for greatest thermal stability), or Pyrex®, AlSiO coated, 7.600» dia.
Barrel	Special extruded and stress-relieved 2024-T4 aluminum, machined full length O.D. and I.D.
Lens cell	Aluminum 2024-T4, black anodized
Rear closure plate	Aluminum 2024-T4, black anodized
Main tube mounting plate	Aluminum 2024-T4, black anodized
Focus mechanism	Mirror Thimble, precision machined and ground stainless steel, rides on bearing, linear ball type, over a fixed, hardened and ground stainless steel light baffle tube. Conical stainless steel spring-loaded. Focus rod stainless steel ground shaft with precision ground ¼-32 threads.
Control box	Aluminum construction, special aluminum paint, baked, clear laquered and again baked.
Knobs	Aluminum 2024-T-4, turned on turret lathe. Stainless steel shafts and levers.

Dimensions

Maximum length with control box	23.2"
Maximum height	5.06"
Maximum diameter	8.03"
Barrel Assembly weight	26 lbs
Case Weight	32 lbs

