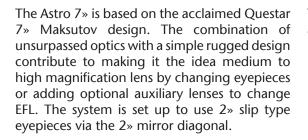
Astro Barrel 7"



The 7» diagonal can be adapted via eyepiece adapter to accept 1 ¹/₄» or the Questar Brandon. The Astro is light, compact, and wellbalanced; its configuration makes it perfect for use with eyepieces, video and night vision, and photographic equipment.



!

Advantages

- Light
- Compact
- Well balanced

Uses

- With video
- Night vision
- With photographic equipment

Astro Barrel 7" Questar Astronomy Telescope Datasheet





Technical data		
Working range	18m to infinity	
Optical resolution	.6 arc second	
Clear aperture	178 mm	
Effective focal length	2 400 mm	
F-number	13.4 @ 2400mm EFL	
Spectral response	0.35 – 1.5 micron	
Design type	Maksutov Cassegrain Catadioptric	
Corrector	BK7/MgF2, 178mm (7 inches) diameter	
Primary mirror	Pyrex substrate, aluminum coated, SiO overcoat, 193mm	
Secondary mirror	Aluminum coating on corrector, SiO overcoat, 47mm	
Baffling	Wire helix in central tube	
Barrel	Aluminum heat-treated tube and precision machined with corrector cell	
Rear closure plate	Aluminum; machined	
Central tube	Centerless ground stainless steel and $6 \otimes \emptyset$ stainless steel mounting plate	
Mirror mount/ Focusing tube	Precision linear rotor bearing matched to central tube, integrated with mirror mounting thimble	
Focus mechanism	32-pitch stainless steel focus rod; direct acting on mirror thimble, spring loaded	
Focus control	25mm (1-inch) diameter straight knurled anodized aluminum knob	
Finish	Aluminum parts anodized, optional exterior surfaces Polane T polyurethane, white color hardware and fasteners stainless steel	
Mounting	Tripod mount with 1/4» – 20 & 3/8» – female threads	
Eyepiece magnifications	(1 ¼ type or thread) 9 mm	18 mm133X 24 mm

Dimensions

Length with Diagonal	21.93"
Maximum Height	24.2 cm
Maximum Diameter	20.4 cm
Case (outside)	Length71cm Depth45cm Height30cm
Weight	Bare Lens with diagonal & eyepiece

