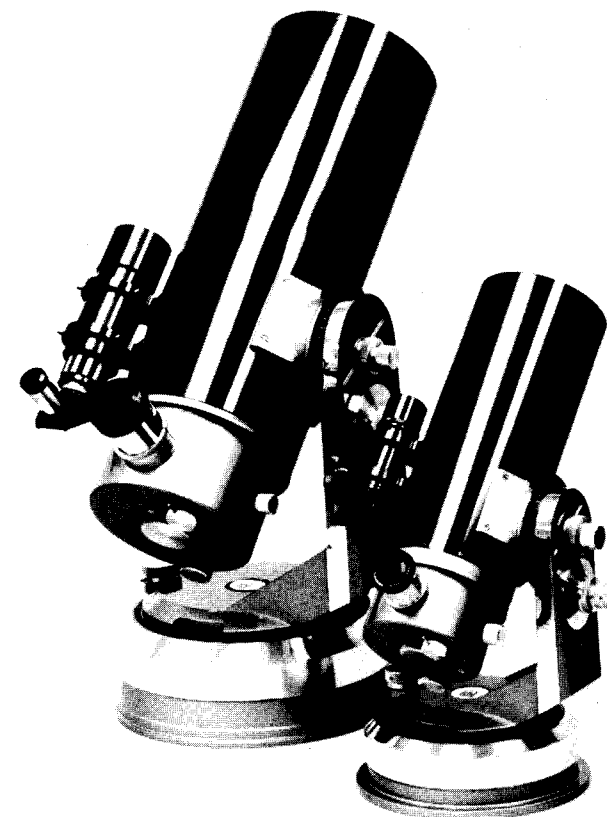


QUANTUM TELESCOPE SPECIFICATIONS

ITEM	QUANTUM FOUR	QUANTUM SIX
Clear Aperture	4"	6"
Focal Length	60", f/15	90", f/15
Resolving Power	1.14 arc sec.	0.76 arc sec.
Diffraction-Limited Field	9 mm. diam.	12 mm. diam.
Central Obstruction	33 mm. (33% diam., 10% area)	50 mm. (33% diam., 10% area)
Baffle System	Double (Primary & Secondary)	Double (Primary & Secondary)
Unvignetted Field	23 mm. diam.	35 mm. diam.
Photographic Field of View	1°.3 (35 mm.)	1°.6 (70 mm.)
Limiting Magnitude	13	14
Near Focus	15'	30'
Primary Mirror	Pyrex, 4.65" diam., f/2.5	Pyrex, 6.65" diam., f/2.5
Corrector Lens	BK-7, 4.18" diam.	BK-7, 6.18" diam.
Coatings		
Reflective Surfaces	Enhanced Aluminum	Enhanced Aluminum
Corrector Lens	AR-MgF ₂	AR-MgF ₂
Barlow Lens	1.75x	1.75x
Eyepiece Holder	1.25" I.D.	2" I.D. with 1.25" adapter
Ocular	16 mm. F.L., 80° app. Field, 1.25" O.D.	16 mm. F.L., 80° app. Field, 1.25" O.D.
Powers	95x and 166x	140x and 250x
Finder (Right Angle)	6 x 30	8 x 50
Mount (Type)	Single-Strut Fork	Single-Strut Fork
Dec. Thrust Bearing	3.0" diam.	4.125" diam.
Dec. Circle	3.0" diam. — 1° divisions	4.125" diam. — 1° divisions
R. A. Thrust Bearing	3.63" diam.	5" diam.
R. A. Circle	6.5" diam. — 1° (4m) divisions	8.25" diam. — 1° (4m) divisions
R. A. Gear	4" diam.	6" diam.
Drive Motor	Synchronous 110V, 60Hz, 2.7 watts	Synchronous 110V, 60Hz, 2.7 watts
Height (Upright)	17.5"	25.5"
Weight	14 pounds (approx.)	30 pounds (approx.)



QUANTUM SIX at \$1,795.00

QUANTUM FOUR at ~~\$990.00~~

O.T.I. instruments are guaranteed for a period of 10 years against defects in material and workmanship, except for manual drives. Drives wear in accordance with use and will be replaced at cost of time and material. Special coatings are guaranteed for a period of 5 years.

The mechanical and optical quality of our instruments equals or surpasses that of the best examples of commercially produced catadioptric Cassegrain telescopes available today. We do not employ any compromise in optical or mechanical design, and you obtain all the advantages of a true f/15 system. For additional information, please write for our descriptive literature.

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