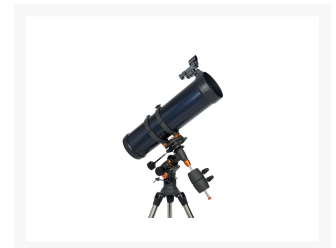


Celestron AstroMaster 130EQ Newtonian Telescope

AUD
\$499.00

Product Images



Short Description

- Manual German equatorial mount with setting circles - to locate and track sky objects
- Adjustable, full height steel tripod with deluxe accessory tray
- Quick and easy no-tool setup
- Accessories include a 20mm and 10mm eyepiece, and a finderscope

Description

Discover our Solar System with the Celestron AstroMaster 130EQ! You'll be ready to observe in minutes thanks to the quick and easy no-tool setup. The 130EQ provides bright, clear images of the Moon, planets, star clusters, and more for great nighttime viewing.

Manual German Equatorial telescope

The AstroMaster mount comes with two slow motion control knobs that allow you to make fine pointing adjustments to the telescope in both Right Ascension and Declination axes, also referred to as RA and DEC.

Accessories Included

Accessories include a 20mm and 10mm eyepiece, and a finderscope. The two eyepieces offer different magnifications for low and high powered views. The 20mm has a built-in erect image corrector.

Additional Information

Specifications

OPTICAL TUBE INFO:

Optical Design	Newtonian Reflector
Aperture	130mm (5.11")
Focal Length	650mm (25.6")
Focal Ratio	f/5
Focal Length of Eyepiece 1	20mm (.78") with built-in erect image corrector
Magnification of Eyepiece 1	33x
Focal Length of Eyepiece 2	10mm (.4") standard
Magnification of Eyepiece 2	65x
Barlow Lens	Not Included
Finderscope	Built-on StarPointer
Star Diagonal	None
Optical Tube	Aluminum
Highest Useful Magnification	307x
Lowest Useful Magnification	19x
Limiting Stellar Magnitude	13.1
Resolution (Rayleigh)	1.07 arc seconds
Resolution (Dawes)	.89 arc seconds
Light Gathering Power (Compared to human eye)	345x
Secondary Mirror Obstruction	44mm (1.73")
Secondary Mirror Obstruction by Diameter	34%
Secondary Mirror Obstruction by Area	11%
Optical Coatings	TBD
Optical Tube Length	610mm (24")
Optical Tube Diameter	TBD
Optical Tube Weight	TBD
Dovetail	CG-5 Dovetail bar
MOUNT INFO:	
Mount Type	CG-3 Equatorial
Height adjustment range (includes mount and tripod)	812.8mm - 1295.4mm (32" - 51")
Tripod Leg Diameter	31.75mm (1.25") steel
Accessory Tray	Yes
Tripod Weight	7.6 lbs (3447.3 g)
Slew Speeds	Manual
Dovetail Compatibility	CG-5 saddle plate
Total Kit Weight	TBD
Included Items	Optical tube Tripod and mount (preassembled) 20mm eyepiece with built-in erect image corrector Standard 10mm eyepiece Red-dot finderscope Manual