

Celestron AstroMaster LT 70AZ Refractor

AUD
\$299.00

Product Images



Short Description

- Quick and easy no-tool setup
- StarPointer for convenience
- Quick release dovetail attachment
- Pan handle Alt-Az control with clutch for smooth and accurate pointing
- Rugged pre-assembled tripod with steel tube legs provides a rigid and stable platform
- All coated glass optics for clear, crisp images
- Deluxe accessory tray for convenient and accessible storage of accessories
- Download Starry Night Basic Software with a 36,000 object database, printable sky maps and enhanced images including 3D renderings of stars, exoplanets, and galaxies

Description

Looking for a portable and easy to assemble telescope for celestial viewing? Then the AstroMaster LT Series is just for you! The AstroMaster LT Series produces bright, clear images of the Moon and planets. Easily observe the belts and moons of Jupiter and the rings of Saturn with every one of these fine instruments. For breathtaking views of brighter deep space objects like galaxies and nebulae, we recommend the larger aperture and light-gathering ability of the Newtonian Reflector.

Specifications

OPTICAL TUBE INFO:

Optical Design:	Refractor
Aperture:	70mm (2.76")
Focal Length:	700mm (28")
Focal Ratio:	f/10
Focal Length of Eyepiece 1:	20mm (.8")
Magnification of Eyepiece 1:	35x
Focal Length of Eyepiece 2:	10mm (.4")
Magnification of Eyepiece 2:	70x
Barlow Lens:	Not Included
Finderscope:	Built-on StarPointer™ red dot finderscope
Star Diagonal:	Star Diagonal - 1.25"
Optical Tube:	Aluminum
Highest Useful Magnification:	165x
Lowest Useful Magnification:	10x
Limiting Stellar Magnitude:	11.7
Resolution (Rayleigh):	1.99 arc seconds
Resolution (Dawes):	1.66 arc seconds
Light Gathering Power (Compared to human eye):	100x
Optical Coatings:	Fully Coated
Optical Tube Length:	485mm (19.1")
Optical Tube Diameter:	73mm (2.87")
Optical Tube Weight:	2.5 lbs (2.14 kg)
Dovetail:	CG-5 Dovetail bar

MOUNT INFO:

Mount Type:	Manual Alt Azimuth
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:	4.7 lbs (2.14 kg) includes weight of mount
Slew Speeds:	Manual
Dovetail Compatibility:	CG-5 saddle plate
Software:	Celestron Starry Night Basic Edition Software and SkyPortal App
Total Kit Weight:	7.2 lbs (3.27 kg)
Included Items:	Optical tube Tripod and mount (preassembled) 20mm and 10mm eyepiece Red-dot finderscope Star Diagonal - 1.25" Manual

Solar Warning

- Never look directly at the Sun with the naked eye or with an optic (unless you have the proper solar filter). Permanent and irreversible eye damage may result.
- Never use your optic to project an image of the Sun onto any surface. Internal heat build-up can damage the optic and any accessories attached to it.
- Never leave your optic unsupervised. Make sure an adult who is familiar with the correct operating procedures is with your optic at all times, especially when children are present.