



Sirius Optics
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Opening Hours
10am-5:30pm Mon-Fri
9am-2pm Sat

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Celestron AstroMaster 90AZ Refractor

AUD
\$599.99

Product Images



Short Description

- 90mm refractor telescope with fully coated glass optics and a lightweight frame.
- Observe in no time with a quick and easy, no-tool setup
- Accessories include: two eyepieces (20mm and 10mm), erect image star diagonal, and a finderscope.
- Panning handle Alt-Az control with clutch for smooth and accurate pointing.
- Adjustable height tripod
- 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
- Warranty: 2 Years

Description

Discover our Solar System with the Celestron AstroMaster 90AZ! You'll be ready to observe in minutes thanks to the quick and easy no-tool setup. The 90AZ provides bright, clear images of the Moon, planets, star clusters, and more for great nighttime viewing.

Manual Alt-Azimuth telescope

Navigate the sky with a pan handle Alt-Az control with clutch for smooth and accurate pointing. Move the clutch in an up/down, left/right fashion to track your object in the eyepiece.

Accessories Included

Accessories include a 20mm and 10mm eyepiece, an erect image diagonal, and a Starpointer finderscope. The two eyepieces offer different magnifications for low and high powered views.

Starry Night Software

Download Celestron's Starry Night Software and learn about the night sky, celestial objects, and how to plan your next observing session. Celestron Starry Night Software is the premier astronomy software package on the market, providing resources and knowledge to view our solar system and beyond.

Specifications	OPTICAL TUBE INFO:	
	Optical Design:	Refractor
	Aperture:	90mm (3.54")
	Focal Length:	1000mm (39")
	Focal Ratio:	f/11
	Focal Length of Eyepiece 1:	20mm (.8")
	Magnification of Eyepiece 1:	50x
	Focal Length of Eyepiece 2:	10mm (.4")
	Magnification of Eyepiece 2:	100x
	Barlow Lens:	Not Included
	Finderscope:	StarPointer™ red dot finderscope
	Star Diagonal:	Erect Image Diagonal - 1.25"
	Optical Tube:	Aluminum
	Highest Useful Magnification:	213x
	Lowest Useful Magnification:	13x
	Limiting Stellar Magnitude:	12.3
	Resolution (Rayleigh):	1.55 arc seconds
	Resolution (Dawes):	1.29 arc seconds
	Light Gathering Power (Compared to human eye):	165x
	Optical Coatings:	Fully Coated
	Optical Tube Length:	770mm (30.3")
	Optical Tube Diameter:	90mm (3.54")
	Optical Tube Weight:	4.4 lbs (2 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:	7.9 lbs (3.6 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:	12.3 lbs (5.58")
	Included Items:	Optical tube Tripod and mount (preassembled) 20mm and 10mm eyepiece Red-dot finderscope Erect image 90° diagonal Manual
	Solar Warning	<ul style="list-style-type: none">• 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.