

Celestron Astro Fi 90 Wi-Fi Refractor

AUD
\$749.00

Product Images



Short Description

- Control your telescope via integrated WiFi using the free Celestron SkyPortal app for iPhone, iPad, and Android devices
- 90 mm refractor with fully coated glass optics provides outstanding views of the Moon, planets, and nebulae, and more.
- Accessory tray holds 2 x 1.25" eyepieces, miscellaneous accessories, including a rubber-lined area for a smart phone or small tablet.
- Includes a StarPointer finderscope, 2 Kellner eyepieces, and mirror star diagonal.

Description

Celestron is not only changing the way we experience astronomy, but we're also changing the way you interact with the night sky. The Astro Fi 90 mm Refractor is a fully featured telescope that can be controlled with your smart phone or tablet using the free Celestron SkyPortal app. Celestron's SkyPortal app replaces the traditional telescope hand control for a 100% wireless experience. Just hold your smart device up to the night sky. When you find an object you'd like to view, tap the screen. Your Astro Fi telescope automatically slews to the object, while the screen displays information about it. It's never been more fun to explore the universe!

The Astro Fi 90 creates its own wireless connection, so it can communicate with your device even in remote locations where WiFi or cellular networks aren't available. Getting ready to observe is quick and painless thanks to Celestron's award-winning SkyAlign technology. Center any three bright objects in the eyepiece, and your telescope calculates its position. You can even generate a Sky Tour of all the best celestial objects to view based on your exact time and location.

TRUSTED CELESTRON OPTICS

Innovative WiFi technology powers the Astro Fi, but it's the optics inside the telescope tube that make it a Celestron. For over 50 years, we've led the industry in optical technology—and we put that experience into the Astro Fi 90. This 90 mm refractor with fully coated optics offers dazzling views of craters on the Moon, the rings of Saturn, the Great Red Spot on Jupiter, the Orion Nebula, the Hercules Globular Cluster and so much more.

Additional Information

Specifications

Accessory Tray	Includes rubberized smartphone or tablet holder
Alignment Procedures	SkyAlign, 3-Star Align, Solar System Align
Aperture	90 mm (3.54 in)
Communication Ports	Aux port for optional hand control
Database	Over 120,000 objects including 220 of the best deep sky and solar system objects
Finderscope	StarPointer
Focal Length	910 mm (36 in)
Focal Length of Eyepiece 1 ...	25 mm (0.98 in)
Focal Length of Eyepiece 2 ...	10 mm (0.39 in)
Focal Ratio	10.1
Highest Useful Magnification	213x
Light Gathering Power (Comp...	165x
Limiting Stellar Magnitude	12.3
Lowest Useful Magnification	13x
Magnification of Eyepiece 1	36x
Magnification of Eyepiece 2	91x
Mount Info:	N.A.
Mount Type	Single Fork Arm Altazimuth
Optical Coatings	Fully Coated
Optical Design	Refractor
Optical Tube Info:	N.A.
Optical Tube Length	37.2 in/94.5 cm in (945 mm)
Resolution (Dawes)	1.29 arc seconds arc seconds
Resolution (Rayleigh)	1.54 arc seconds arc seconds
Slew Speeds	Up to 3 deg/second
Star Diagonal	1.25"
Total Telescope Kit Weight	14.2 lbs (6.44 kg)
Tracking Rates	Sidereal, Solar, and Lunar
Tripod	Aluminum