



Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

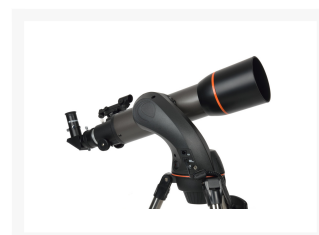
10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
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Celestron Nexstar 102 SLT Refractor

AUD
\$1,289.00

Product Images



Short Description

- Compatible with 2" eyepieces
- High quality 102 mm short tube style refractor
- Fully computerized Altazimuth mount
- StarPointer finderscope to help with alignment and accurately locating objects
- Quick-release fork arm mount, optical tube and accessory tray for quick no tool set up
- Sturdy stainless steel tripod and accessory tray included
- Good for terrestrial and celestial observing
- BONUS Astronomy Software download with a 10,000 object database, printable sky maps and 75 enhanced images

Description

The popularity of our previous short tube refractor models inspired us to go a step further with the introduction of our NexStar 102SLT. You'll find that astronomical viewing is a delight with this large, powerful 4" telescope. The 102SLT offers a 63% increase in image brightness over 80 mm models. This short-tube telescope with a fast f/6.5 optical system gives images that are bright and crisp.

And the 102SLT, like the other models in the SLT Series, comes with a fully computerized hand control with a database of over 4,000 celestial objects! With its pre-assembled, adjustable steel tripod, the NexStar 102SLT can be up and ready to use in a matter of minutes. Our new SkyAlign alignment technology, and the included StarPointer Finderscope with a red LED, makes aligning a breeze.

Because of its wide 1.7° field of view, the NexStar102 SLT is optimal for scanning large areas of the sky and for superb terrestrial (land) viewing. A wonderful entry to mid-level astronomical scope, with the use of an optional erect image diagonal, the 102SLT can also be used as a land-based spotting telescope.

Computerized Mount Features

- Proven NexStar computer control technology
- Database allows telescope to locate over 4,000 celestial objects
- SkyAlign allows you to align on any three bright celestial objects, making for a fast and easy alignment process
- Flash upgradeable hand control software and motor control units for downloading product updates over the Internet
- Internal battery compartment to prevent cord wrap during use
- Auxiliary port for additional accessories such as GPS accessory
- Includes NSOL telescope control software for basic control of your telescope via computer (with optional RS-232 cable)
- Compatible with optional NexRemote telescope control software, for advanced control of your telescope via computer

Specifications

OPTICAL TUBE INFO:

Optical Design	Refractor
Aperture	102mm (4.02")
Focal Length	660mm (26")
Focal Ratio	6.47
Focal Length of Eyepiece 1	25mm (0.98")
Magnification of Eyepiece 1	26x
Focal Length of Eyepiece 2	9mm (0.35")
Magnification of Eyepiece 2	73x
Finderscope	StarPointer
Star Diagonal	1.25

MOUNT INFO:

Mount Type	Motorized Altazimuth
Accessory Tray	No Tool, Quick release
Tripod	Steel
Highest Useful Magnification	241x
Lowest Useful Magnification	15x
Limiting Stellar Magnitude	12.5
Resolution (Rayleigh)	1.37 arc seconds
Resolution (Dawes)	1.14 arc seconds
Light Gathering Power (Compared to human eye)	212x
Apparent Field of View	1.7°
Linear Field of View (@1000 yds)	91 ft (28 m)
Optical Coatings	Multi-Coated
Slew Speeds	Nine slew speeds
Tracking Rates	Sidereal, Solar and Lunar
Tracking Modes	Alt-Az, EQ North and EQ South
Alignment Procedures	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align
Computer Hand Control	Fully Computerized / Flash Upgradeable
NexStar+ Database	4,000 Object Database
GPS	Optional SkySync GPS Accessory (93969)
Software	Starry Night Special Edition