



Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

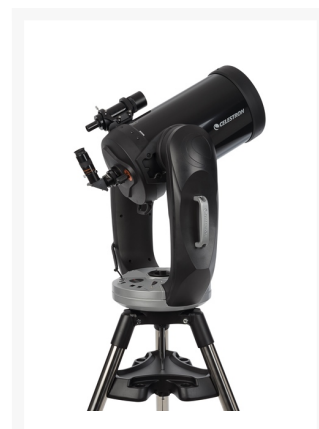
10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
www.sirius-optics.com.au

Celestron CPC 925 GPS (XLT) Computerized Telescope

AUD
\$6,049.00

Product Images



Short Description

9.25" diffraction limited Schmidt-Cassegrain telescope

For customers wishing to fit solar filters, the outside OTA diameter is 272 mm.

NOTE: For solar viewing the Astrozap Glass Solar filter (Product No. 124446) is recommended.

DESCRIPTION

GENERAL FEATURES

- 9.25" diffraction limited Schmidt-Cassegrain telescope
- Celestron's premium StarBright XLT coatings
- Fully computerized dual fork arm Altazimuth mount
- 8x50 finderscope to help accurately find objects
- Newly designed heavy-duty tripod makes attaching the telescope so easy you can do it in the dark; also features sturdy 2" steel legs and accessory tray
- Ergonomic design - Comfortably lift and move the telescope from location to location
- Star diagonal provides more comfortable viewing position when observing objects that are high in the sky
- Convenient remote hand control holder - Allows you to view information hands-free while using the scope

COMPUTERIZED MOUNT FEATURES

- Proven NexStar computer control technology
- 40,000 object database with over 100 user-definable objects and expanded information on over 200 objects
- Custom database lists of all the most famous deep-sky objects by name and catalog number; the most beautiful double, triple and quadruple stars; variable stars; solar system objects and asterisms
- Re-designed drive base and drive mechanics - Quiet operation; large drive gears, quick release clutch
- 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
- Permanent PEC
- Auxiliary port for additional accessories such as Autoguider, GPS accessory
- NexRemote telescope control software and RS-232 cable included for advanced control of your telescope via computer

Specifications

Optical Tube Info:	
Optical Design	Schmidt-Cassegrain
Aperture (mm)	235 mm (9.25 in)
Focal Length	2350 mm (93 in)
Focal Ratio	10
Focal Length of Eyepiece 1 (mm)	40 mm (1.57 in)
Magnification of Eyepiece 1	59 x
Finderscope	8x50 Finderscope with quick release bracket
Star Diagonal	1.25
Mount Info:	
Mount Type	Dual Fork Arm
Accessory Tray	Leg Brace / Eyepiece holder
Tripod	Heavy Duty Steel Adjustable
Power Requirements	Car battery adapter
Highest Useful Magnification	555 x
Lowest Useful Magnification	34 x
Limiting Stellar Magnitude	14.4
Resolution (Rayleigh)	0.59 arc seconds
Resolution (Dawes)	0.49 arc seconds
Light Gathering Power (Compared to human eye)	1127 x
Apparent Field of View	0.7 °
Linear Field of View (@1000 yds)	38 ft (12 m)
Secondary Mirror Obstruction	3.35 in (85 mm)
Secondary Mirror Obstruction by Diameter	36%
Secondary Mirror Obstruction by Area	13%
Optical Coatings	Starbright XLT Coating
Total Telescope Kit Weight	85 (39 kg)
Tracking Rates	Sidereal, Solar and Lunar
Tracking Modes	Altazimuth, EQ North and EQ South
Alignment Procedures	SkyAlign, Auto Two-Star Alignment, Two-star Align, SolarSystem Align, EQ North Align, EQ South Align, One-Star Align
Periodic Error Correction	Permanently Programmable
Communication Ports	RS-232 communication port on hand control
Computer Hand Control	Double line, 16 character Liquid Crystal Display; 19 fiber optic backlit LED buttons
Database	40,000+ objects, 100 user defined programmable objects. Enhanced information on over 200 objects
GPS	Internal 16 channel
Warranty	2-year Telescope Warranty