

Hertford Astronomy Group

Equipment for Loan - June 2021



Coronado PST SolarScope and Mounts

Scopos 80mm short tube refractor with mounting bracket and solar finder

12mm & 20 mm eyepieces. 4" ER Filter

2 x 2" eyepiece extension tubes, Skywatcher twist lock eyepiece holder

Seymour 4.25" White Light Solar filter

Supplied with:



Sky-Watcher Solarquest go-to tracking mount and tripod



Meade LightSwitch 8

LCD Screen

Internal Battery Pack and Charger

Large 17ah Powertank and Cables

Eyepiece and Filter Set



Planetary Cameras

ZWO ASI120MC Colour Planetary Camera

ZWO 120MM Mono Lunar/Solar Camera



Starlight Xpress Guide

DeepSky Ultrastar Camera



Oculus Rift Headset and Controllers



CELESTRON NEXSTAR 127 SLT

Our Price: **429.00**

Add to Cart

~~\$999.00~~



The Celestron Nexstar 127 SLT delivers peak class of performance in a compact portable sized set up. This Celestron user friendly design is perfect for beginners or seasoned astronomers looking for a portable easy to use telescope. The built in Celestron SkyAlign software allows the user to align this telescope without any prior knowledge of the night sky by using just three bright objects. Once aligned this telescope can automatically locate and track thousands of night sky objects including planets galaxies and nebulae.

Celestron Revolutionary StarAlign

StarAlign, Celestron's revolutionary StarAlign software package, simply input the date, time and location into the hand control from done the astronomer is up to any three bright celestial objects in the sky. You do not need to know the names of the objects, you can even point the scope at a target planet.

General Features

- High quality 110mm Maksutov-Cassegrain
- Fully computerized AltAzimuth mount
- StarSense Technology to help with alignment and automatic locating CGEQ3
- Quick release 8x11 zoom-mount, optical fiber and accessory tray for quick load out up
- Quick released hand control and accessory tray included
- Good for terrestrial and celestial observing
- Includes CD-ROM for Sky Instruments software which provides education about the sky and portable sky

NOTE:

TECHNICAL SPECIFICATIONS:

OPTICAL DESIGN - Maksutov-Cassegrain
APERTURE - 110mm (4.3")
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FOCAL LENGTH - 1900mm (75.20")
FOCAL RATIO - 1/15.5"
PRIMARY COAT - SuperMirror
MOUNT - StarSense AltAzimuth
EYEPIECE - 25mm (1.0")
MAGNIFICATION - 30x
FIELD OF VIEW - 6.7°
STAR TRACKING - 3.2°
ACCESSORY TRAY - Yes, 10x10, Quick release
WEIGHT (TELESCOPE ONLY) - 10.0kg (22.05lb)
WEIGHT (TELESCOPE AND MOUNT) - 13.5kg (29.76lb)
RESOLUTION (AWAY) - 1.1" (28mm)
RESOLUTION (ON-AXIS) - 0.8" (20mm)
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FIELD OF VIEW (FOV) - 6.7°
ANGULAR FIELD OF VIEW (AFV) - 6.7°
UNDERFIELD OF VIEW (UFOV) - 44.7° (33.41")
OPTICAL COATING - Fully Coated
LIMITING RESOLUTION (LRL) - 1.1" (28mm)
CONSTRUCTION (TELESCOPE) - Fully Computerized High Light Reflectivity
CONSTRUCTION (MOUNT) - Fully Computerized High Light Reflectivity
ALIGNMENT - StarSense aligner (StarSense)
TRACKING RATE - Sidereal, Solar, Lunar
TRACKING MODES - Manual, Sidereal, Solar, Lunar
ALIGNMENT PROCEDURES - StarAlign, Auto 3-Star Align, 3-Star Align, 2-Star Align, Solar System Align
SOFTWARE - StarSense Software
GPS - Optional CM 16 GPS Accessory

Celestron Nexstar 127SLT