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

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Sky-Watcher BD ED120 Refractor OTA

AUD
\$3,699.00

Product Images



Short Description

120mm ED Apochromatic Refractor OTA for astrophotography.

Description

Observing with Black Diamond 120 ED

The additional aperture of this telescope provides a dramatic increase in resolution and a heightened sense of seeing lunar and planetary surface phenomenon in seemingly 3D-like high-definition. Tight globular star clusters like M13 in Constellation Hercules appear like a beehive of crisp stellar pin points, star upon thousands of stars deep into the objects core. In Deep-space, rich aggregates of stars within Galaxies, Nebulas, and open clusters appear brilliant contrasted against a very dark velvet black background. The wispy, delicate, featherlike structure of dust lanes and extension of glowing gasses can be seen reaching out far beyond the object's core.

Metallic High-Transmission Lens Coatings

Each air-to-glass lens surface has exotic anti-reflection metallic coatings applied to ensure optimum light through-put of approaching 99.5%. The proprietary Sky-Watcher "Metallic High-Transmission Coatings" (MHC) are the finest photon anti-rejection coatings in their class.

Light-Baffled Optical Systems

The objective lens cell is light-baffled to reject stray, unfocused light. The draw tube is likewise baffled to insure optimum contrast. The tube interior is flat blackened to help prevent unfocused internal light reflections from reaching the focal plane.

Precision 2" Dual Speed Crayford Focuser is Standard

Optical focus is achieved by means of a mechanically ultra-smooth, backlash-free, precision [2" Dual Speed Crayford Focuser-assembly](#). This focuser offers fine and ultra-fine focusing adjustments.

Tube Materials

The optical tube material is rolled steel, powder-coated reflective gloss black with gold fleck accent. The front and back cells are cast-aluminum painted white, or black.

Telescope Tube Attachment Hardware:

The optical tube comes with attachment hardware that allows it to be securely fastened to any Sky-Watcher mount. The quick-release tube rings provided with Black Diamond ED120 SCHOTT are cast-aluminium, painted white.

Included Components for Selected Models*

Black Diamond 120 ED SCHOTT is supplied with backlash-free 2" Dual Speed Crayford Focusers and quality foam-lined Aluminium carrying cases as standard equipment.

Additional Information

Specifications

Optical Design	ED Apochromatic Refractor
Diameter	120mm
Focal Length	900mm
F/Ratio	F/7.5
Highest Practical Power	240x
Finder Scope	8X50
Focuser Diameter	2" dual speed, crayford
Diagonal	2" 90 deg. Dielectric Diagonal with 1.25" adapter
Eye Piece	LET 2"-28
Tube Weight	5.13kg
Tube Dimensions	10 cm x 62cm
Shipping Weight	18 kg
Shipping Dimensions	120x45x46 cm3