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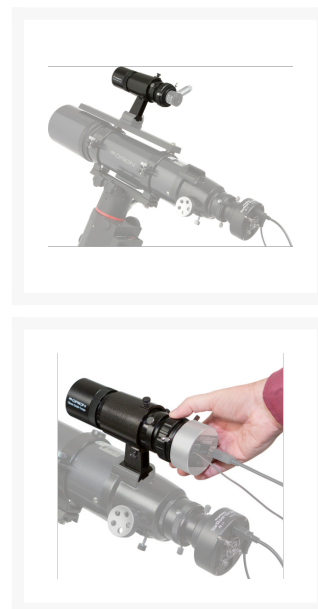
Opening Hours
10am-5:30pm Mon-Fri
9am-2pm Sat

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Orion Mini 50mm Guide Scope with Microfocuser

AUD
\$229.00

Product Images



Short Description

- Compact Deluxe Mini Guide Scope with a built-in helical focuser for precise focusing of guide stars
- Designed for use with the Orion StarShoot AutoGuider (sold separately), and astrophotography telescopes up to 1500mm focal length
- Non-rotating camera collar will not cause the attached autoguider to rotate during focus adjustments, ensuring the field of potential guide stars will not move
- Adjustable-aim dovetail guide scope bracket installs on virtually any astrophotography telescope quickly and easily
- Very small and compact autoguiding system adds hardly any weight to an astrophotography setup and can conveniently be stashed in an accessory case between uses

Description

Our conveniently compact Deluxe Mini 50mm Guide Scope features a helical fine-focus mechanism to allow for faster, more precise focusing of potential guide stars.

This Deluxe version of our popular Mini 50mm Guide Scope is designed for use with the Orion StarShoot AutoGuider (sold separately) or similar small-chip CCD autoguider devices. The Orion Mini 50mm Guide Scope is ideal for guiding long-exposure astrophotographs with imaging telescopes up to 1500mm in focal length. The Deluxe Mini 50mm Guide Scope's machined and anodized helical focuser has a fixed-orientation design that will not rotate the installed StarShoot AutoGuider or similar device during focus adjustments. The helical focuser simply moves the attached autoguider in or out while maintaining its set orientation. Astrophotographers are sure to appreciate this, since it ensures that the field of potential guide stars will not rotate when focus adjustments are made.

The machined and anodized helical focuser has a 12.5mm travel range, and a tight thread tolerance which ensures zero backlash and eliminates flexure-inducing "play". The helical focuser ring is ribbed for easy grip during adjustments, and a convenient thumbscrew lock keeps the focuser in-place once ideal focus is achieved.

The Orion Deluxe Mini 50mm Guide Scope with Helical Focuser brings precisely focused autoguiding into the realm of affordability for any astrophotographer, and brings the guide scope to a position that was previously occupied by a telescope finder scope. Thanks to the high level of guiding accuracy offered by modern autoguider devices such as the Orion StarShoot AutoGuider, astrophotographers of today can use guide scopes with much shorter focal lengths and smaller apertures compared to the large, bulky models used in the past. Using a more optically "fast" guide scope such as the Deluxe Mini 50mm Guide Scope with Helical Focuser can save astrophotographers valuable time, space, and money, but will still provide the unrivaled accuracy that only autoguiding can bring to long-exposure astrophotographs.

Consisting of a 50mm aperture, 162mm focal length (f/3.2) achromatic refractor guide scope with helical focuser, an adjustable dovetail guide scope bracket, a dovetail mounting base, and an adapter plate, the Orion Deluxe Mini 50mm Guide Scope with Helical Focuser makes it easy for any astrophotographer to enjoy the precision of autoguiding in their celestial photos. All this conveniently compact setup requires is a StarShoot AutoGuider (sold separately) or similar small-chip CCD autoguider and it's ready for night, camera, action! The guide scope bracket fits into the standard Orion dovetail finder scope base found on most Orion telescopes. If your imaging scope doesn't feature a dovetail base or has one already occupied by an oft-used finder, the included dovetail base and attachment hardware lets you attach the Deluxe Mini 50mm Guide Scope with helical Focuser to any optical tube. Alternatively, the included adapter plate can be used to attach the dovetail base and Deluxe Mini 50mm Guide Scope to any standard dovetail plate, or side-by-side plate if preferred. The lightweight Deluxe Mini 50mm Guide Scope with Helical Focuser weighs a mere 1.2lbs. (19.2oz.).

When not being used for autoguiding, the Deluxe Mini 50mm Guide Scope with Helical Focuser can alternatively be used as a finder scope. Just insert an optional 20mm Illuminated Centering Eyepiece (I.C.E.) (sold separately) into the helical focuser and you can use the versatile Deluxe Mini 50mm Guide Scope as an 8x50 illuminated finder scope!

Warranty

Limited Warranty against defects in materials or workmanship for one year from date of purchase. This warranty is for the benefit of the original retail purchaser only.

Warning

Please note this product was not designed or intended by the manufacturer for use by a child 12 years of age or younger.

Specifications	Best for imaging Deep sky User level Intermediate Optical design Refractor Optical diameter 50mm Focal length 162mm Focal ratio f/3.2 Coatings Fully coated Optics type Air-spaced doublet Glass material Crown/Flint Resolving power 3.32arc*sec Lowest useful magnification 9x Finder scope None Focuser None Mount type Optical Tube without Mount Astro-imaging capability Lunar, planetary & long exposure Tube material Aluminum Length of optical tube 6.8 in. Weight, optical tube 1.2 lbs. Additional included accessories Adjustable dovetail mounting bracket, Universal mounting plate and hardware Other features Non-rotating helical focuser, T-thread or nosepiece camera mount, Accepts 12.5mm illuminated plossl Warranty One year
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