

Inspire 70AZ Refractor



Item no:22401

Photo is for illustration purposes, phone not included.

Read a review of the Inspire 70 AZ by All About Space Magazine below.

Celestron Inspire telescopes can be seen at and purchased from the following UK & Irish retailers.

[F1 Telescopes](#)
[First Light Optics](#)
[GreenWitch](#)
[Grovers OpticsShop](#)
[Harrison Telescopes](#)
[Ktec Telescopes](#)
[Rother Valley Optics](#)
[Sneezums](#)
[Sussex Astronomy Centre](#)
[Tring Astronomy Centre](#)
[The Widescreen Centre](#)
[WEX](#)

If you have any difficulties in viewing or purchasing Inspire please contact us.

The lightest telescope in the Inspire series! The Inspire 70AZ is the ultimate telescope for the novice to intermediate astronomer, offers easier transport and storage, and is packed with features never seen before on entry level telescopes. Inspire features fully coated glass optics, a solid altazimuth mount with a unique asymmetrical design, a sturdy steel tripod with integrated fold-up accessory tray, an integrated smartphone adapter, built-in red LED flashlight, large projected reticle finderscope, erect image optics, and a focus micrometer for easily returning to the same focus point.

The Inspire has the easiest setup of any telescope in its class. Simply pop open the tripod legs, turn the lock knob on the accessory tray, and attach the telescope tube to the base using the quick release dovetail mount. You are now ready to observe!

The lens cap has an integrated smartphone adapter built into it. Place your smartphone against the rubberized friction surface on the outside of the cap so your camera is viewing through the imaging port. Secure the smartphone using the two adjustable bungee cords. The inside of the lens cap has a fitting that secures to your eyepiece using two set screws. Voila! You are now ready to take high power images through the telescope.

The mount has a red LED flashlight built-in. Turn the flashlight on to illuminate your accessory tray with a soft red glow. The flashlight can easily be removed from the mount to provide red light where you need it most.

The focus micrometer is a numbered scale that indicates the focuser's position. It allows quick return to a specific focus point for specific targets such as a bird nest, infinity focus, etc.

General Details

- Easiest setup of any entry level scope. With the folding accessory tray you just pop the tripod legs open, turn the lock knob and you're ready to go.
- Bold new design - The main telescope lens cap comes with a fully integrated smartphone adapter built-in, perfect for the budding astrophotographer. The asymmetrical mount design offers light weight and incredible stability. Erect image optics enables a fully correct image for easy viewing day or night, terrestrial or astronomical.
- Red LED flashlight - Stowed in the center of the mount head, the flashlight can be used to gently illuminate the accessory tray or can be removed for use as a spotlight when needed.
- Focus micrometer - Allows quick return to a specific focus point for specific targets (bird nests, infinity focus, etc.)
- Includes 1 free 90 days of the "SLOOH Astronomer" subscription. Remotely reserve, control, and image through professional grade telescopes, access to livestream SLOOH shows, and many other features

Specifications

Optical Design: Refractor

Aperture: 70mm

Focal Length: 700mm

Focal Ratio: f/10

Optical Coating: Fully coated glass optics

Eyepiece/Magnification:

20mm Kellner (1.25") / 35x

10mm Kellner (1.25") / 70x

Star Diagonal: Erect image 90 degree (1.25")

Finderscope: StarPointer Pro

Other Accessories: SkyPortal app

Resolution: Rayleigh: 1.99 arc seconds / Dawes Limit: 1.66 arc seconds

Light Gathering Power: 100x the unaided eye

Highest Useful Magnification: 165x

Lowest Useful Magnification: 10x

Limiting Stellar Magnitude: 11.7

Tripod: Steel, 1.25" diameter, 47" max height

Included Items:

70mm telescope tube, mount with tripod and folding accessory tray connected, red LED flashlight, 90 degree erect image diagonal, 20mm & 10mm Kellner eyepieces, StarPointer Pro finderscope, Free download of SkyPortal

To discover more and to find your local Celestron dealer please visit our [Dealer Page](#).



Recommended Accessories



NexStar 4 SE
£0.00



114 LCM Computerised
Telescope
£0.00



PowerTank (7ah) , 12V Power
Supply
£0.00



Moon Filter - 1.25 in
£0.00



Omni 1.25 in - 2x Barlow Lens
£0.00



Omni Series 1.25 in - 40mm
£0.00



NexImage 5 Solar System
Imager (5MP)
£0.00



AstroMaster Accessory Kit
£0.00



Eyepiece Filter Set - 1.25 in (21,
80A, 15, Polarizing)
£0.00



NexImage Solar System Imager
£0.00



NexStar Evolution 6 Wi-Fi
£0.00