



FLUOROSTAR 91

MANUAL



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Warning

Never aim your telescope or finder scope at the Sun without proper Solar filters installed on the front of the telescope. Doing so for even a moment may permanently damage your vision. Proper Solar filters consist of filters made by reputable manufacturers, designed to fit tightly over the front of the dew shield. Solar eyepiece filters are not considered safe, and should not be used. With proper front mounted Solar filters, the telescope will not be harmed by viewing the Sun.





- **Focal Length** : 540mm
- **Diameter** : 91mm
- **Aperture** : f/5.9
- **Focuser** : 3.3" R&P Focuser
- **Image Circle** : >43mm
- **Retracted Length** : 441mm
- **Extended Length** : 510mm
- **Dew Shield Circumference** : 383mm
- **Dew Shield Diameter** : $\phi 122$ mm
- **Weight** : 9.18lbs / 4.165kg (OTA only)
12.29lbs / 5.575kg (OTA with
ring, dovetail and saddle)

FLUOROSTAR 91 PACKAGE CONTENTS



A. Bahtinov Mask

B. OTA

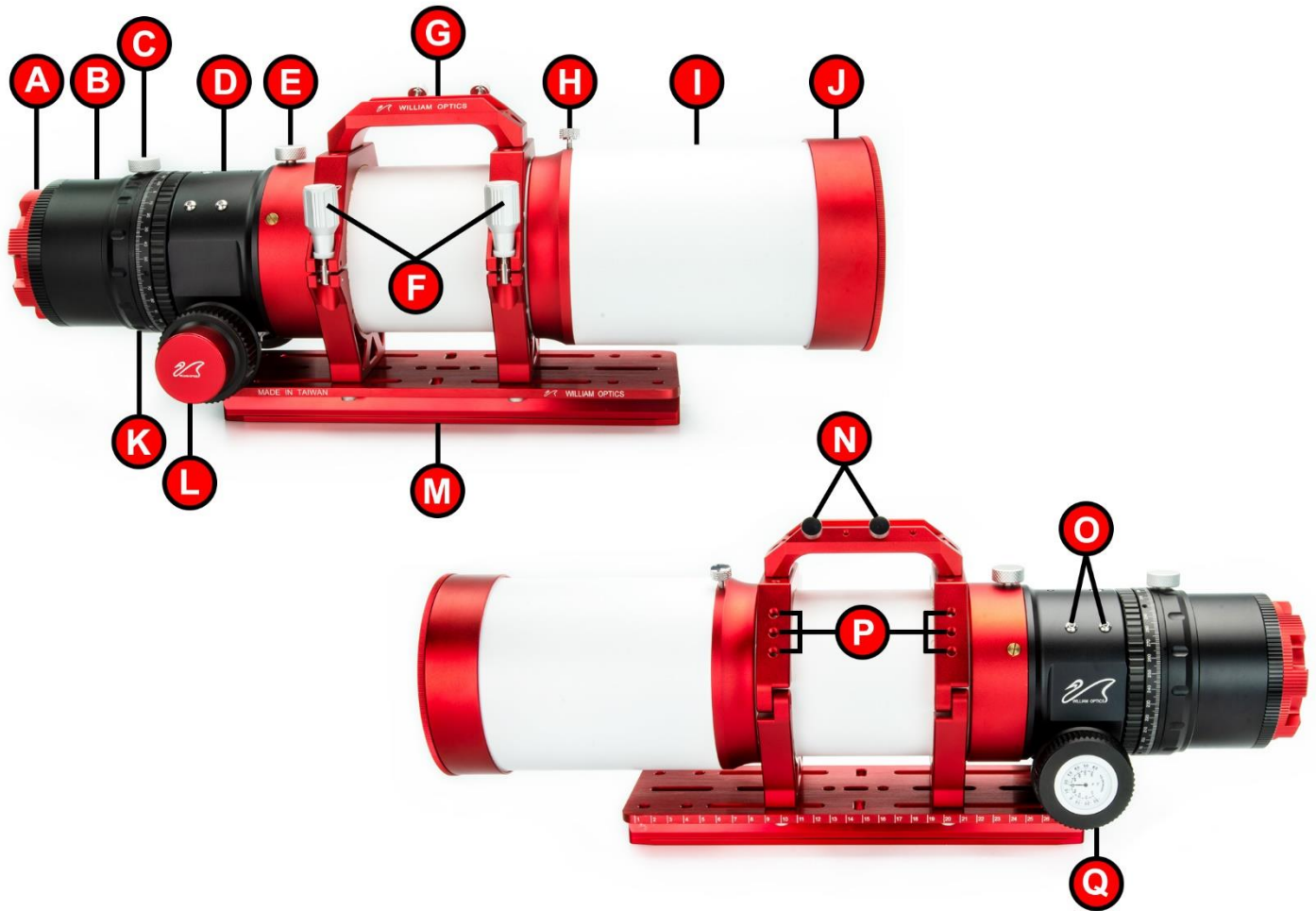
C. 120mm Saddle Handle Bar

D. Visual Extension Tube

E. 2" RotoLock Visual Back Adapter

F. Long Version Vixen-style Dovetail
Plate

G. Soft Carry Case



A. 2" RotoLock Visual Back Adapter
 B. Visual Extension Tube
 C. Camera Angle Rotation Locking Screw
 D. Dual Speed 3.3" R&P Focuser
 E. Focuser Rotation Locking Screw
 F. Mounting Rings / Knobs
 G. 120mm Saddle Handle Bar
 H. Dew Shield Locking Screw
 I. Dew Shield

J. Lens Cover with Bahtinov Mask
 K. Camera Angle Rotator
 L. 10:1 Ratio Fine Knob & Cap
 M. Long Version Vixen-style Dovetail
 N. Locking Screws on Saddle Handle Bar (M4)
 O. M5 Screw Holes
 P. M6 Screw Holes
 Q. Focuser Adjusting Knob with Thermometer

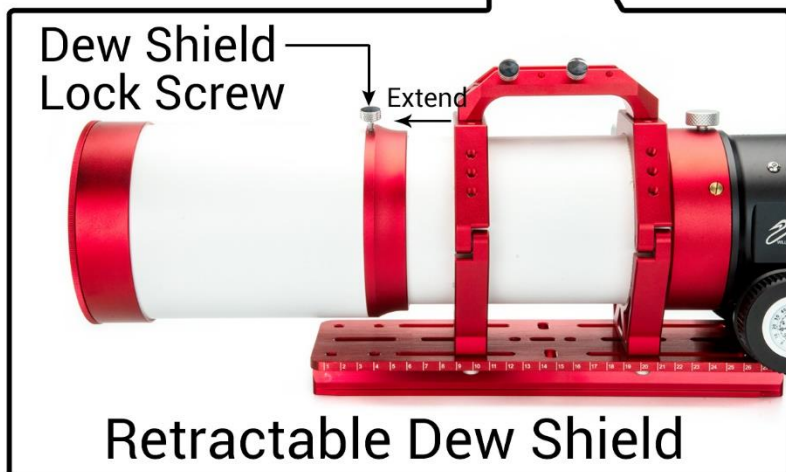
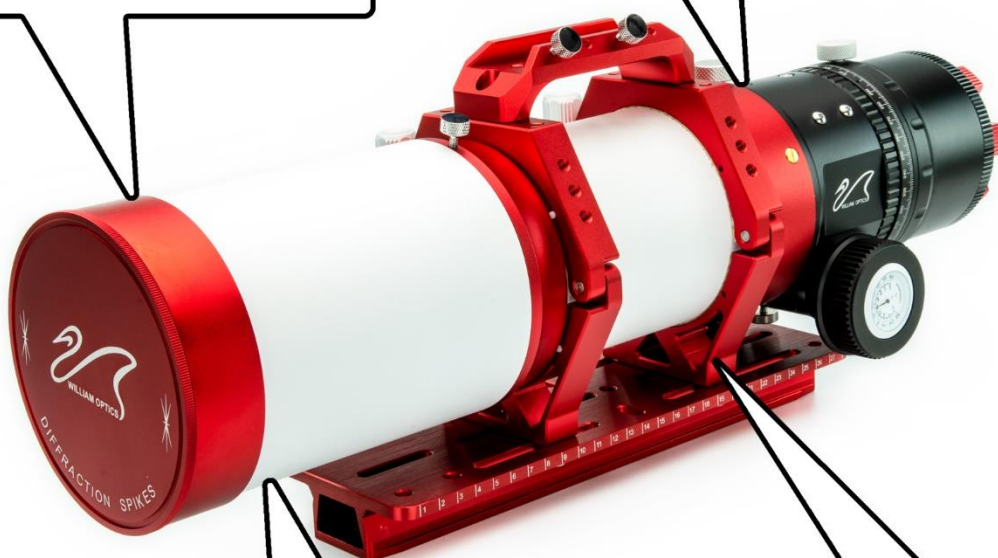
FLUOROSTAR 91 TELESCOPE DIAGRAM



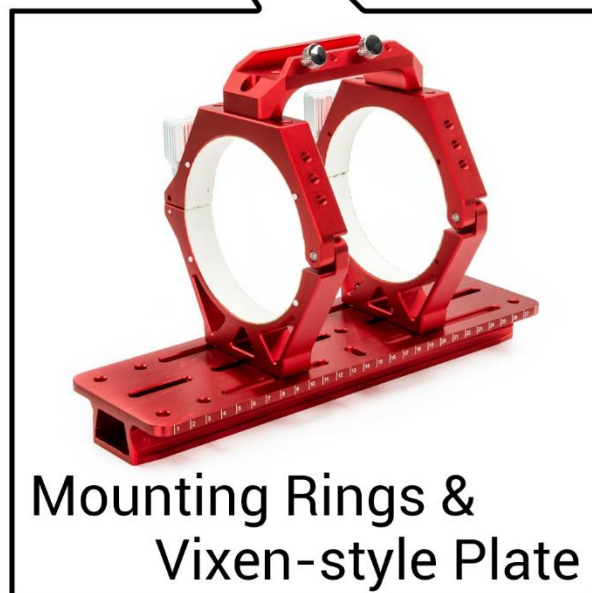
Bahtinov Mask



Main Tube (with extension tube)



Retractable Dew Shield



Mounting Rings & Vixen-style Plate

FLUOROSTAR 91 TELESCOPE DIAGRAM



Focuser Rotation
Locking Screw



Camera Angle
Rotation Locking
Screw

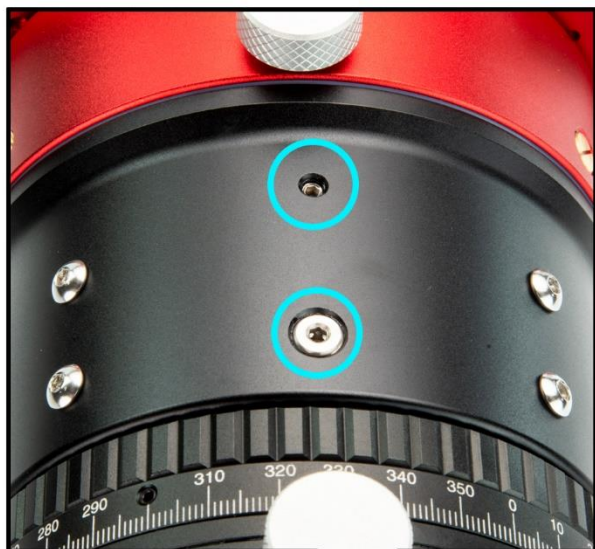
Focuser Lock Screw

Do not over tighten
(Release the lock when
focusing)



2" RotoLock Visual
Back Adapter

FLUOROSTAR 91 TELESCOPE DIAGRAM



Tension Screws



Vixen Style Bracket
Holder Screws for
Finder bracket
(remove both
screws before use)



Use 2.5mm Allen Key



10:1
Ratio Fine Knob

FLUOROSTAR 91 TELESCOPE DIAGRAM

- Tilt Adjustment Screws (2 mm Allen Key)
- Draw Tube Adjustment Screws (3 mm Allen Key)
- Can be Removed to Attach the Moto (2 mm Allen Key & your hands)



The focuser drawtube smoothness should be adjusted **ONLY** when necessary by progressively tightening the screw until you reach the desired smoothness.

NOTE:

DO NOT ADJUST IT BEFORE ASKING WO

How to Connect the Flattener

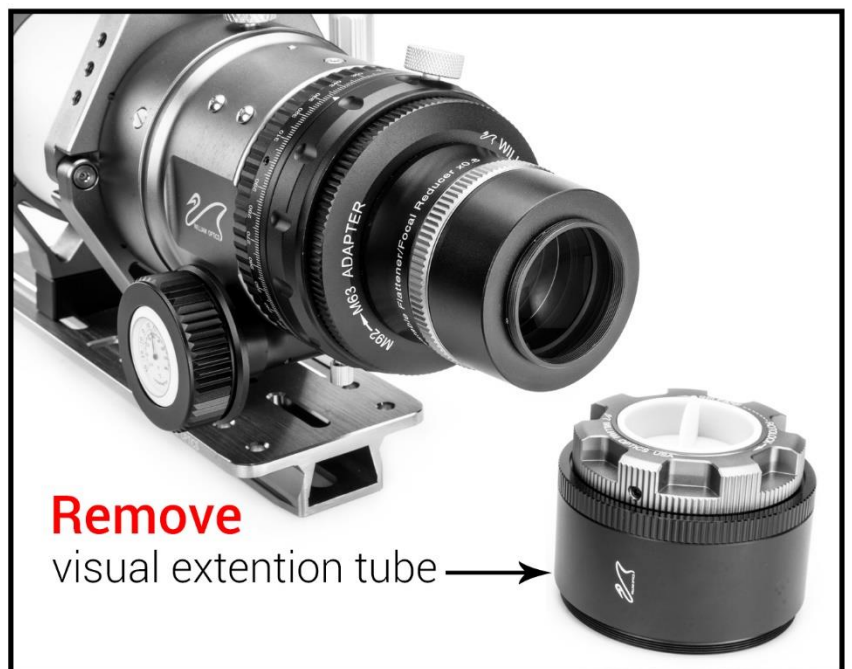


Step 1.

Remove the visual extension tube by unscrewing it from the focuser.

Step 2.

Connect the flattener to the focuser by screwing it on to the M92 thread.



Remove

visual extension tube →

FLUOROSTAR 91 ACCESSORIES MAP

Vistit W.O. webpage for details by Scanning the QR Code of the products

Focuser

