Orion® 6-Piece Optics Cleaning Kit



One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights. It is not intended to remove or restrict your other legal rights under applicable local consumer law; your state or national statutory consumer rights governing the sale of consumer goods remain fully applicable.

For further warranty information, please visit www. OrionTelescopes.com/warranty.

For Proper Care and Preservation of Telescopes, Binoculars, and other Precision Optics

Kit Includes:

- · 2.5 oz. VariAir Compressed Air
- 1 oz. Multi-Coated Lens Cleaner
- 1 Ultra Brush Dust Remover
- · 2 Booklets of Premium Lens Tissue
- 10 Cotton Swabs

For lenses, mirrors, filters and other fine optics to perform their best, they must be kept as clean as possible. The Orion Optics Cleaning Kit provides everything you need to keep optical

surfaces sparkling without harming their sensitive coatings.

You should clean your optics if:

- 1. You have touched the optical surface with your bare hands.
- You have spilled something on the optical surface.
- 3. You see a "splotchy" pattern in an out-of-focus image of a bright light source.
- 4. Your instrument does not provide the same high-quality images as it used to. (Telescope owners, be sure your collimation is accurate.)

Guidelines

If your instrument is still under warranty, consult the manufacturer before disassembling any components to be sure you will not void the warranty.

Unless you live near the ocean or your environment contains an unusual amount of dust, cleaning one to two times a year is probably sufficient.

Dirty optics perform better than poorly cleaned optics. Over-cleaning can destroy coatings.

Do not use cleaning fluid or tissues normally associated with eyeglasses. These materials tend to cause "sleeking", or microscopic scratching of coatings and surfaces. Do not use isopropyl or "rubbing" alcohol. It contains oil harmful to optics.

Procedure

- 1. Using the compressed air (following directions on the can), blow on the optical surface to remove loose dust particles. The soft-bristle brush may also be used for dust removal.
- Moisten a folded piece of lens tissue with a few drops of lens cleaning fluid, then very gently wipe a small area of the optical surface.
- 3. Use a dry sheet of tissue to gently dry off and polish the area you just moistened. Repeating steps 2 and 3 on a small area at a time insures that your optics will be smudge-free. Continue until you have cleaned the entire surface.



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