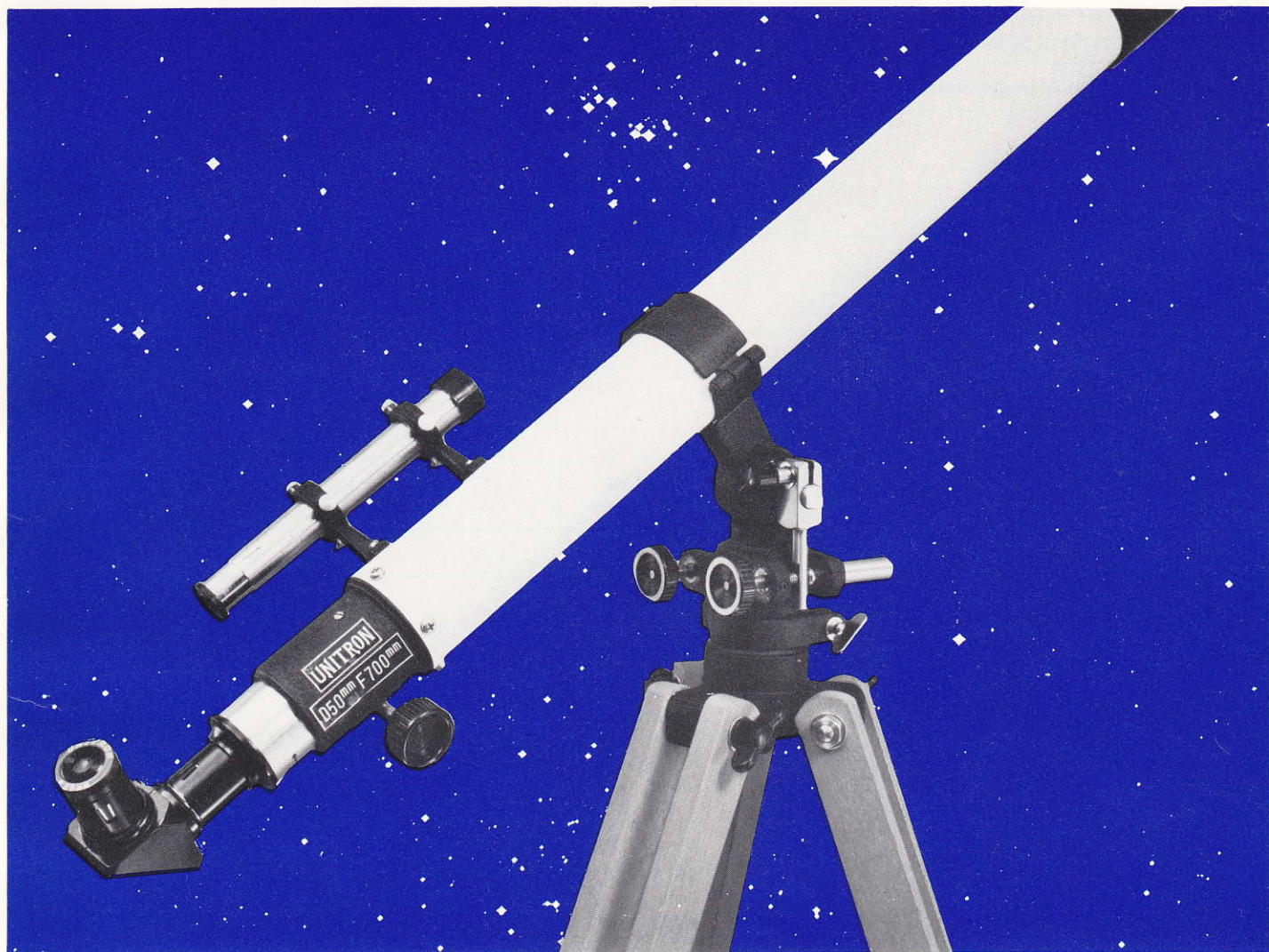


UNITRON MODEL 105

2 inch ALTAZIMUTH REFRACTOR



ADDITIONAL EYEPIECES AVAILABLE—

- Prod. No. 16630 18mm Kellner (for 39×)
- Prod. No. 16631 12.5mm Kellner (for 56×)
- Prod. No. 16634 7mm Ach. Sym. (for 100×)
- Prod. No. 16635 6mm Orthoscopic (for 117×)
- Prod. No. 16636 5mm Orthoscopic (for 140×)
- Prod. No. 16637 4mm Orthoscopic (for 175×)

ADDITIONAL ACCESSORIES AVAILABLE—

- Prod. No. 16624 Model A UNIHEX
- Prod. No. 16643 Erecting Prism
- Prod. No. 16653 Model A Sun Diagonal (Solar Wedge)

Specifications subject to change without notice.

MODEL 105—Complete with Altazimuth Mount with slow motion controls for both altitude and azimuth, sturdy wood tripod with folding legs and leg brace, 4×-19mm viewfinder with crossline eyepiece, rack and pinion focusing mechanism with drawtube, star diagonal, 2 coated eyepieces; 9mm (78×) and 25mm (28×), sun-glass, dustcap, instruction manual.

Prod. No. 16550 Model 105 2" Altazimuth Refractor

UNITRON INSTRUMENTS, INC.

Subsidiary of Ehrenreich Photo-Optical Industries, Inc.

101 Crossways Park West Woodbury, NY 11797 U.S.A.

Telephone (516) 364-8046

AUTHORIZED DEALER:

SPECIFICATIONS

Unitron Model 105 2" Altazimuth Refractor

1. DIMENSIONS:

Length of optical system (eyepiece to dustcap)	26"
Height of instrument (ground to clamp)	54"

2. WEIGHT:

Shipping weight	15 lbs.
Instrument in observing position	9 lbs.

3. ALTITUDE & AZIMUTH TRAVEL:

	Fast Motion	Slow Motion	Angular travel/revolution of slow motion control knob
Altitude	180°	22°00'	1°
Azimuth	360°	31°30'	0°30'

4. OBJECTIVE:

Achromatic, air-spaced, coated, 2-element, 50mm clear aperture, 700mm focal length, f/14, resolving power 2.3 arcsec, minimum magnitude observable +10.5, field of view 7°12'.

5. VIEWFINDER:

Focusable 4× eyepiece with crossline, 19mm objective, field of view 7°12'.

6. TABLE OF MAGNIFICATIONS: (Objective focal length ÷ Eyepiece focal length)

Focal Length of Eyepiece	Magnification	Field of View
4mm	175×	0°17'
5mm	140×	0°21'
6mm	117×	0°26'
7mm	100×	0°30'
9*mm	78×	0°34'
12.5mm	56×	0°48'
18mm	39×	1°09'
25*mm	28×	1°25'

7. WARRANTY: Full 5-year Warranty. Written warranty can be obtained free of charge upon specific written request, at the address shown below.

Specifications subject to change without notice.

*Supplied as standard equipment.