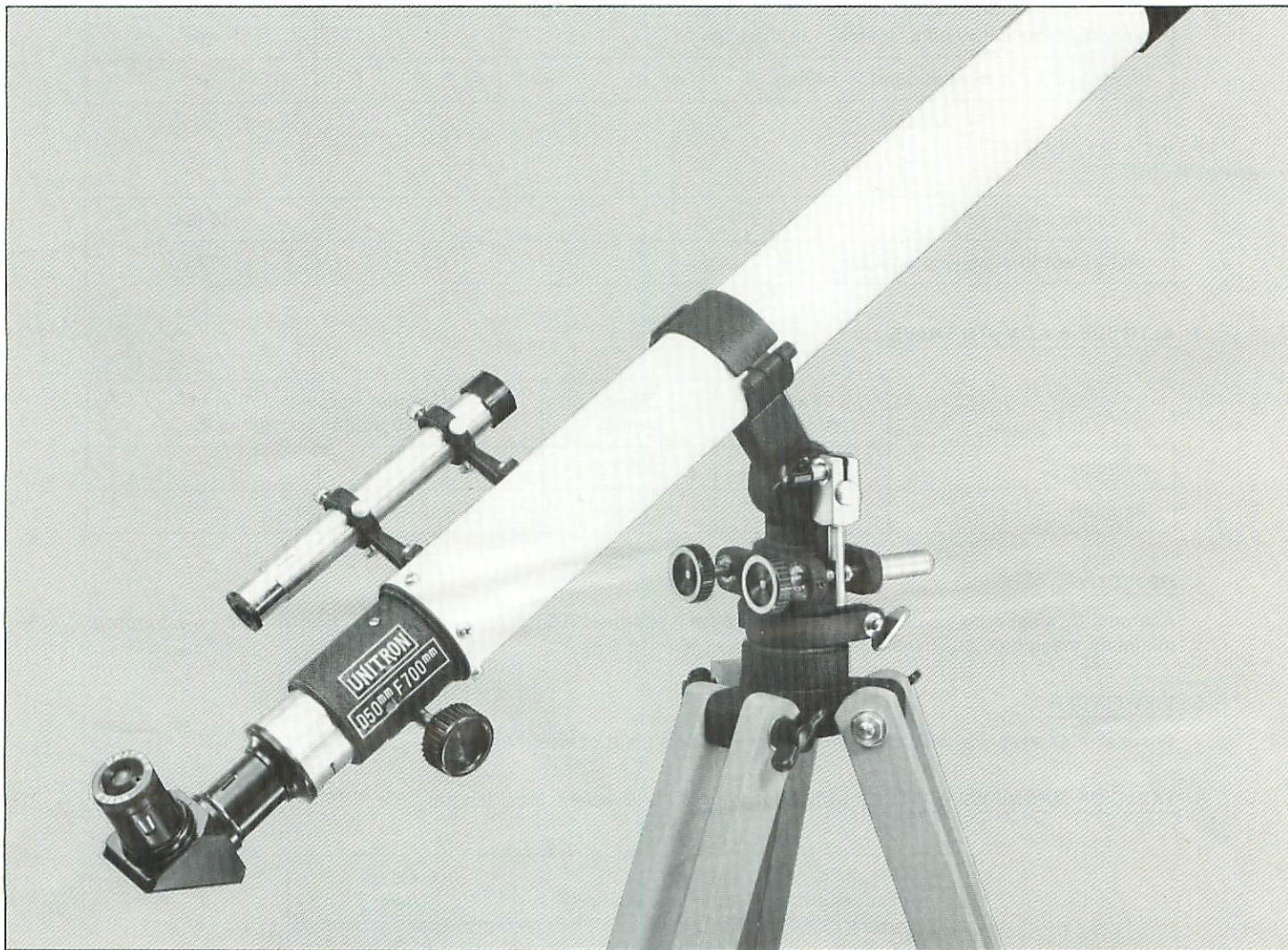


# UNITRON<sup>®</sup> MODEL 105

## 2 inch ALTAZIMUTH REFRACTOR



### ADDITIONAL EYEPIECE AVAILABLE—

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

### ADDITIONAL ACCESSORIES AVAILABLE—

- Prod. No. 16624 Model A UNIHEX
- Prod. No. 16643 Erecting Prism

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

**Prod. No. 16650 Model 105 2" Altazimuth Refractor**

**UNITRON**  
EXCELLENCE BY DESIGN™  
SINCE 1952



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

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

Eyepiece Focal Length	Magnification†	Field of View
04mm	175X	0° 14'
05mm	140	0° 18'
06mm	117	0° 21'
AS7mm	100	0° 23'
AS9*mm	78	0° 29'
K12.5mm	56	0° 38'
K18mm	39	0° 1.9'
R25*mm	28	0° 26'

\* Supplied as standard equipment.

### 7. WARRANTY: Full 25-year warranty. Written warranty can be obtained free of charge upon specific written request, at the address shown below.

*All specifications subject to change without prior notice*

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