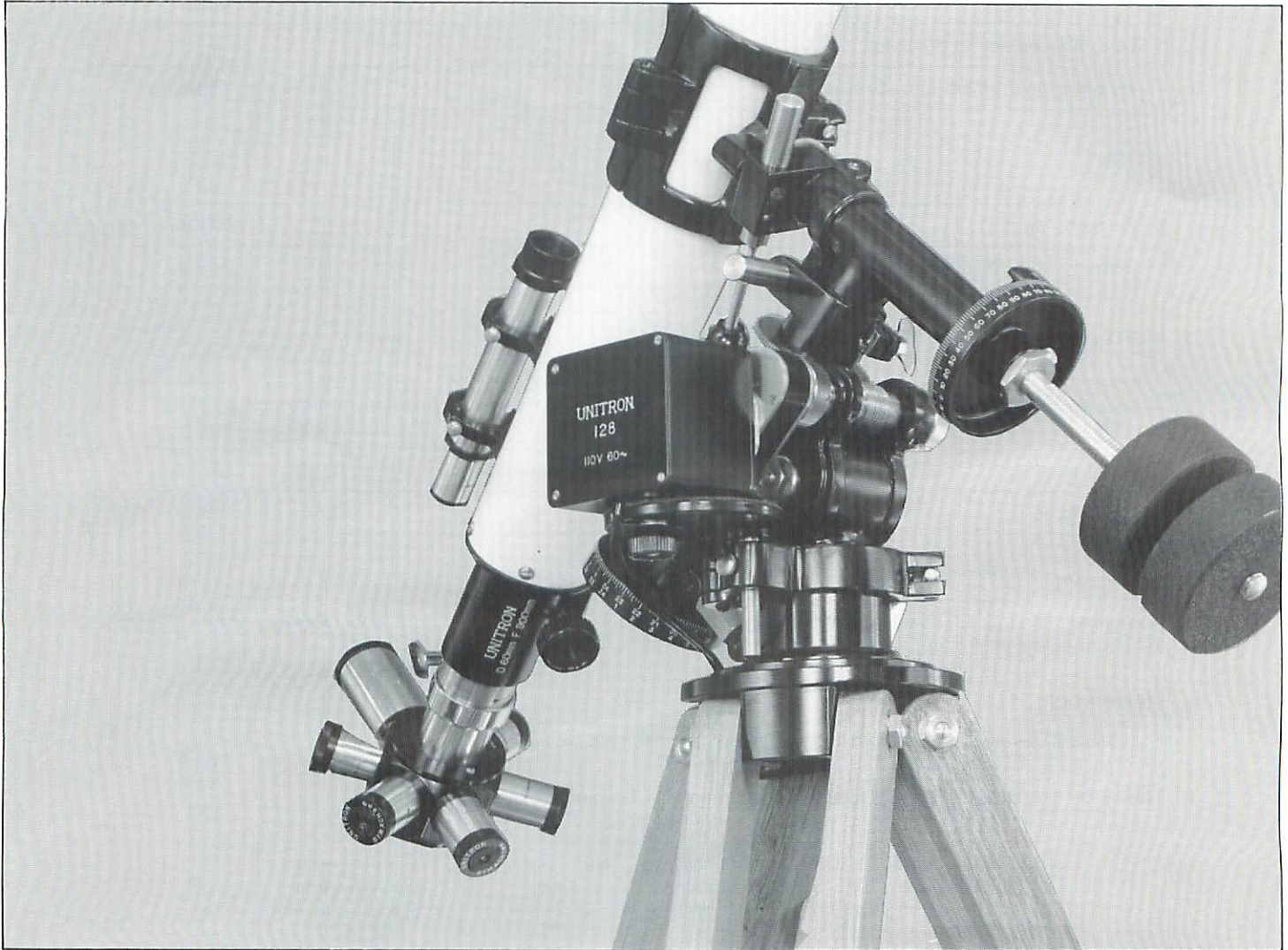


# UNITRON<sup>®</sup> MODEL 128

## 2.4 inch EQUATORIAL REFRACTOR



### ADDITIONAL EYEPIECES AVAILABLE—

- Prod. No. 16627 40mm Monochromatic (for 22x)
- Prod. No. 16635 6mm Orthoscopic (for 150x)
- Prod. No. 16636 5mm Orthoscopic (for 180x)
- Prod. No. 16637 4mm Orthoscopic (for 225x)

### ADDITIONAL ACCESSORIES AVAILABLE—

- Prod. No. 16622 Model A DUETRON
- Prod. No. 16624 Model A UNIHEN
- Prod. No. 16643 Erecting Prism
- Prod. No. 16645 Star Diagonal for 24.5mm Eyepieces
- Prod. No. 16647 2.4" Solar Aperture Diaphragm
- Prod. No. 16653 Model A Sun Diagonal for 24.5mm Eyepieces
- Prod. No. 16663 2.4" Counterbalance Clamp
- Prod. No. 16665 2.4" UNICLAMP Camera Bracket
- Prod. No. 16683 2.4" Synchronous Motor Drive

MODEL 128—Complete with Equatorial Mounting and slow motion controls for declination and right ascension, extension flexible cable for R.A. control, supplementary R.A. slow motion and provision for attaching accessory motor drive, setting circles, tripod and leg brace with eyepiece shelf, 6x-23.5mm viewfinder, Standard rack and pinion focusing mechanism, 5 coated eyepieces; 7mm (129x), 9mm (100x), 12.5mm (72x), 18mm (50x), 25mm (35x), sun projecting screen, dewcap, dustcap, wooden cabinets, instructions.

**UNITRON**  
EXCELLENCE BY DESIGN™  
SINCE 1952

## SPECIFICATIONS

# Unitron Model 128 2.4" Equatorial Refractor

### 1. DIMENSIONS:

Length (eyepiece to dustcap)	34 1/2"
Height of instrument (ground to cradle)	60"

### 2. WEIGHT:

Shipping weight	60 lbs.
Instrument in observing position	24 lbs.

### 3. RIGHT ASCENSION & DECLINATION TRAVEL:

	Fast Motion	Slow Motion	Angular travel/revolution of slow motion control knob
Right ascension	13 <sup>h</sup> 30 <sup>m</sup>	1 <sup>h</sup> 55 <sup>m</sup>	0° 10"
Declination	360°	26° 30'	2° 0'

### 4. OBJECTIVE:

Achromatic, air-spaced, coated 2-element 60mm clear aperture, 900mm focal length, f/15, resolving power 1.9 arcsec, minimum observable magnitude +11, field of view 7° 12'.

### 5. VIEWFINDER:

Focusable 6X eyepiece with crossline, 23.5mm objective, field of view 6° 22'.

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

Focal Length of Eyepiece	Magnification w/o Ach. Amp.	Mag. w/ach. Amp.	Field of view w/o Ach. Amp.
0 4mm	225X	450X	0° 11'
0 5	180	360	0° 14'
0 6	150	300	0° 16'
AS 7*	129	258	0° 18'
AS 9*	100	200	0° 23'
K 12.5*	72	144	0° 29'
K 18*	50	100	0° 42'
R 25*	35	70	1° 08'
M 40†	22	44	1° 41'

\* Supplied as standard equipment.

† Must be used in UNIHEX or 1/4-inch adapter.

### 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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