

UNITRON MODEL 132-C

4 inch COMPACT EQUATORIAL REFRACTOR



ADDITIONAL EYEPIECES AVAILABLE*—

- Prod. No. 16627 40mm Monochromatic (for 38×)†
- Prod. No. 16636 5mm Orthoscopic (for 300×)
- Prod. No. 16637 4mm Orthoscopic (for 375×)

ADDITIONAL ACCESSORIES AVAILABLE—

- Prod. No. 16622 Model A DUETRON
- Prod. No. 16624 Model A UNIHEX
- Prod. No. 16644 Adapter to use 1¼" Eyepieces in 24.5mm Holders
- Prod. No. 16653 Model A Sun Diagonal (Herschel Wedge)
- Prod. No. 16661 Model 220A Astro Camera
- Prod. No. 16684 3" Synchronous Motor Drive

* Powers indicated are doubled when Achromatic Amplifier is used.

† Must be used in UNIHEX or Prod. No. 16644.

Specifications subject to change without notice.

MODEL 132-C — Complete with Equatorial Mounting and slow motion controls for right ascension and declination, extension flexible cable for R.A. control, supplementary R.A. slow motion and provision for attaching accessory clock drive, setting circles and verniers, tripod and brace, 10×-42mm viewfinder with mounting brackets, rack and pinion focusing mechanism with focusing locks, star diagonal with 2× Barlow, erecting prism, 6 coated eyepieces: 6mm (250×), 7mm (214×), 9mm (167×), 12.5mm (120×), 18mm (83×), and 25mm (60×), sun projecting screen set, solar aperture diaphragm, sun glass filter, dewcap, dustcap, wooden cabinets, instructions.

Prod. No. 16541 Model 132-C

AUTHORIZED DEALER:

UNITRON INSTRUMENTS, INC.
 Subsidiary of Ehrenreich Photo-Optical Industries, Inc.
 101 Crossways Park West Woodbury, NY 11797 U.S.A.
 Telephone (516) 364-8046

Printed in U.S.A.

SPECIFICATIONS

Unitron Model 132-C 4" Compact Equatorial Refractor

1. DIMENSIONS:

Length (eyepiece to dustcap)	29"
Height of instrument (ground to cradle)	59"

2. WEIGHT:

Shipping weight	65 lbs.
Instrument in observing position	50 lbs.

3. RIGHT ASCENSION & DECLINATION TRAVEL:

	Fast Motion	Slow Motion	Angular travel/revolution of slow motion control knob
Right Ascension	14 ^h 30 ^m	1 ^h 30 ^m	5 ^m
Declination	360°	30° 30'	1'30"

4. OBJECTIVE:

Achromatic, air-spaced, coated 2-element 100mm clear aperture, 1500mm focal length, f/15, resolving power 1.4 arcsec, minimum observable magnitude +12, field of view 3°22'.

5. VIEWFINDER:

Focusable 10× eyepiece with crossline, 42mm objective, field of view 3°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.
4mm	375×	750×	0° 08'
5	300×	600×	0° 10'
6*	250×	500×	0° 12'
7*	214×	428×	0° 14'
9*	167×	334×	0° 16'
12.5*	120×	240×	0° 23'
18*	83×	166×	0° 32'
25*	60×	120×	0° 40'
40†	38×	76×	1° 03'

* Supplied as standard equipment.

† Must be used in UNIHEX or 1¼-inch adapter.

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