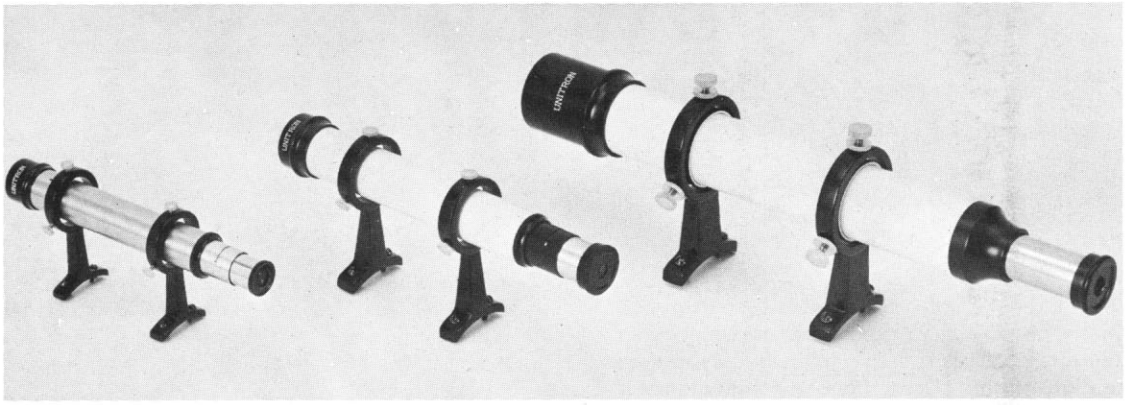
Telescope Accessories and Components by UNITRON

These accessories and components are all standard equipment in UNITRON Refractors and are therefore of the finest quality obtainable. Most items are illustrated on the refractors themselves and in such cases reference is made to the particular models. Unless otherwise stated, all items are quoted POSTPAID in the U.S. Accessory orders totaling $50 or over in value may be purchased under the UNITRON Easy Payment Plan.

VIEWFINDERS



From left to right 23.5mm., 30mm., 42mm.

All models have coated, achromatic objectives and crosshair eyepieces. Furnished with mounting brackets with centering screws for collimation also installation screws. The brackets are designed so that they may be mounted on tubes of any curvature and provide more than adequate support. If desired, the curvature of the bottom of the brackets may be altered by the customer using a half-round file to provide an exact fit to the telescope tube. The brackets are made of an aluminum alloy and are easily modified.

23.5mm., 6X: (as shown on Model 128)
Chromed brass tube. . . . . **$ 8.50**

30mm., 8X: (as shown on Models 140, 142)
Duralumin tube finished in white enamel. . **10.75**

42mm., 10X: (as shown on 4″ Models) Air-spaced objective. Duralumin tube, finished in white enamel. Dewcap and dustcap. **18.00**

62mm., 12.5X: (as shown on 6″ Models) 500mm. (19.7″) focal length, coated, achromatic objective. Furnished with 12.5X (40mm.), Monochro eyepiece. Eyepieces of other focal lengths may be used. Prismatic star diagonal for 1¼″ eyepieces. Duralumin tube finished in white. Chromed brass drawtube with Standard rack and pinion focusing. Dewcap, dustcap. Furnished with mounting brackets and centering screws for collimation. Wooden cabinet. f.o.b. Boston **76.00**

VIEWFINDER MOUNTING BRACKETS

As used with UNITRON Guide Telescopes and Viewfinders. Centering screens for collimation. These may be obtained already attached to UNICLAMPS of any larger diameter at an extra cost of $2.00 in addition to the cost of the UNICLAMPS.

for 1.6″ tubes (2 3/16″ i.d.) . . . . . per pair **$ 4.50**
for 2.4″ tubes (3 1/8″ i.d.) . . . . . per pair **6.00**
for 4″ tubes (5 5/16″ i.d.) . . . . . per pair **15.50**

PHOTOGRAPHIC GUIDE TELESCOPES

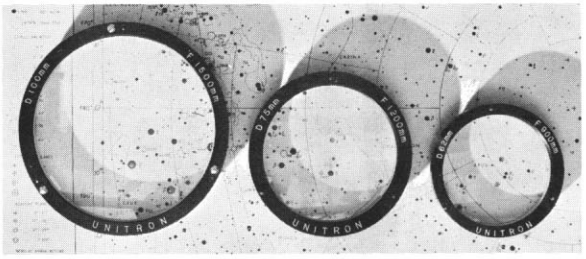
2.4″ Model as supplied with UNITRON 3″ and 4″ Photographic Equatorials. 62mm. diameter, 700mm. (27.5″) focal length, coated, air-spaced, achromatic objective. Furnished with 78X (9mm.), achromatized symmetrical eyepiece with crosshairs. Eyepieces of other focal lengths may be used. Prismatic star diagonal. Duralumin tube finished in white. Chromed brass drawtube with Standard rack and pinion focusing. Dewcap and dustcap. Furnished with mounting brackets and centering screws for collimation. Wooden cabinet.

f.o.b. Boston **$75.00**

4″ Model as supplied with UNITRON 6″ Models 610 and 620. Complete as described under the specifications on the 6″ models. With mounting brackets but without UNICLAMPS. With 9mm. crosshair eyepiece, but without Illuminated Crosshair Mechanism. Wooden cabinet.

f.o.b. Boston **$290.00**

OBJECTIVE LENSES



From left to right 4″, 3″, 2.4″

Achromatic, air-spaced, coated objectives mounted in a cell. These objectives are truly unique in the excellence of their definition. Superb optical corrections are obtained by exclusive lens designs and the use of the newest types of optical glass.

2.4″ diameter . . . . . **$ 35.00**
3″ diameter **69.00**
4″ diameter **135.00**
6″ diameter **790.00**

Outer cell to attach to telescope tube is threaded to receive the objective lens cell. Dewcap and dustcap included.

for 2.4″ objective . . . . . **$ 8.00**
for 3″ objective **13.00**
for 4″ objective **24.00**
for 6″ objective **70.00**

UNITRON INSTRUMENT COMPANY — TELESCOPE SALES DIV.
66 NEEDHAM STREET, NEWTON HIGHLANDS 61, MASS.

Telescope Accessories and Components by UNITRON

EYEPIECES



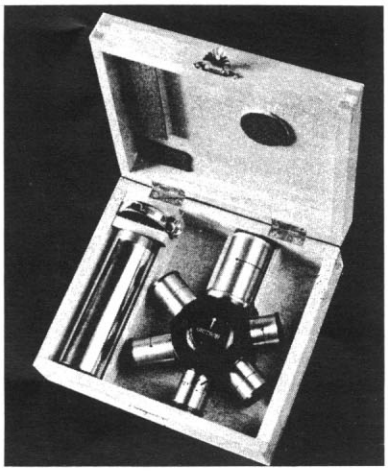
Manufactured to exceptionally close tolerances to permit you to obtain the maximum performance of which your objective or mirror is capable. The following eyepieces with the exception of the 40mm. have outside diameter 24.5mm. (.97″). A plastic adapter bushing is available for 1¼″ o.d. eyepiece holders at an additional cost of 35¢. The eyepieces are coated.

40mm. Monochro (1¼″ o.d.)	**$14.75**
40mm. — as above, with double-crossline	**17.75**
25mm. Huygens	**11.50**
18mm. Kellner	**9.75**
12.5mm. Kellner	**9.75**
9mm. Achromatized Symmetrical	**9.75**
9mm. — as above, with double-crossline	**12.75**
7mm. Achromatized Symmetrical	**9.75**
6mm. Orthoscopic	**14.75**
5mm. Orthoscopic	**14.75**
4mm. Orthoscopic	**14.75**

The following special eyepiece has 58mm. o.d. and may be used only in the Super rack and pinion (or equivalent) or in a holder which will accept an eyepiece of this diameter. It is described and shown with Model 152.

60mm. Kellner	**$28.75**

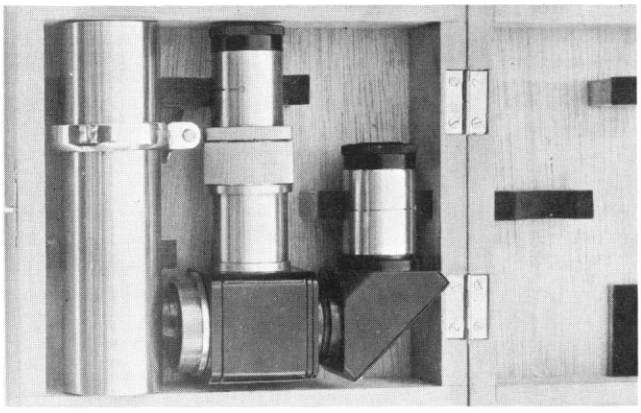
UNIHEX Eyepiece Selector



Complete with cabinet and clamping device.

Model A, for UNITRONS. (shown on Model 114)	**$24.75**
Model B, for 1¼″ eyepiece holders	**24.75**
Super-UNIHEX (shown with Model 166)	**44.50**

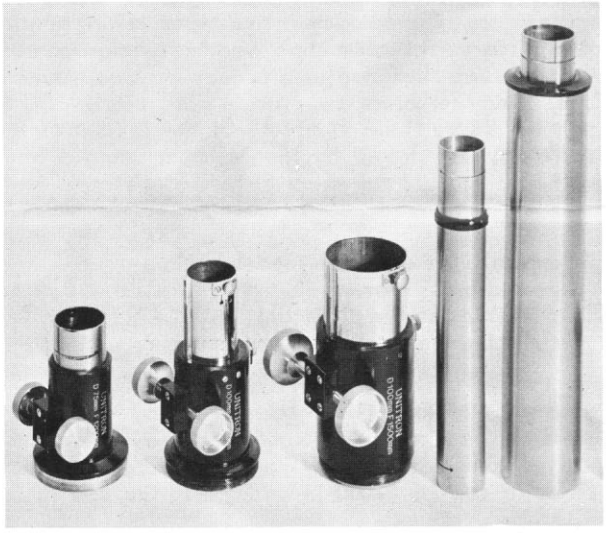
DUETRON Double Eyepiece



Complete with cabinet and clamping device.

Model A, for UNITRONS (shown with Model 128)	**$23.50**
Model B, for 1¼″ eyepiece holders	**23.50**

RACK AND PINION FOCUSING MECHANISMS



Shown, left to right, are the Standard, De-Luxe, and Super Models. The De-Luxe and Super Models have locking devices for both the focusing sleeve and drawtube. Furnished complete with long drawtube and eyepiece holders for both 24.5mm. o.d. and 1¼″ o.d. eyepieces. The Super Model can, in addition, hold the 58mm. o.d. 60mm. f.l. eyepiece.

Standard Model (illustrated on Model 128)	**$12.50**
De-Luxe Model (illustrated on Model 145)	**28.50**
Super Model (illustrated on Model 152)	**44.50**

The couplings are 2⅜″ outside diameter. For the above with coupling to fit 3 1/16″ i.d. tubing, add $3.00. For a heavy coupling to fit 4⅜″ o.d. add $9.50. This heavy coupling aids in balancing the tube.

ADAPTER TUBES

Adapter to use 1¼″ eyepieces and accessories in 24.5mm. o.d. eyepiece holders. For use with the 40mm. eyepiece or Goodwin Resolving Power Lens in the standard 24.5mm. star diagonal	**$3.00**
Extra long drawtube with reversible 24.5mm. and 1¼″ o.d. eyepiece holders	**$3.00**

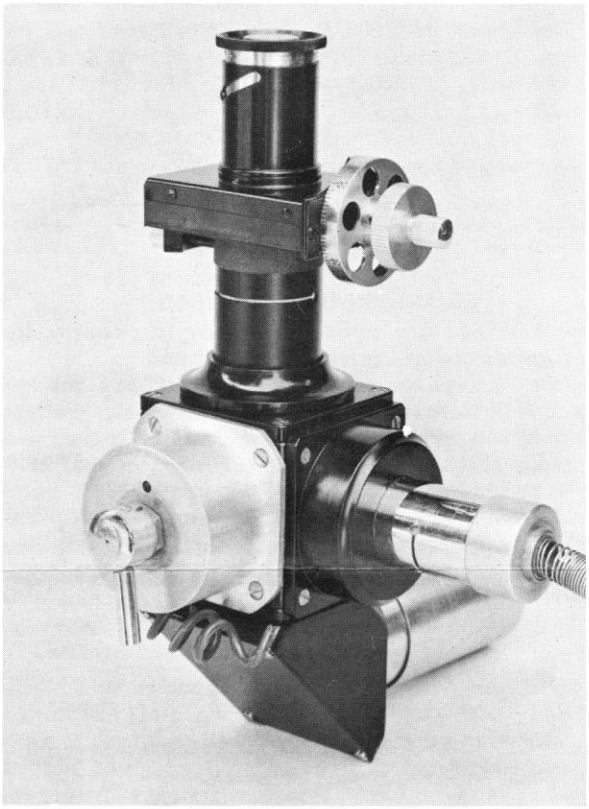
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Telescope Accessories and Components by UNITRON

FILAR MICROMETER EYEPIECE

For accurate measurement of stellar distances. Turning the graduated drum traverses a crossline across the field of view and the motion is read directly from the scale on the drum. The crossline is brought into sharp focus for individual vision by a helical focusing device on top of the eyepiece. Recommended for use in connection with the illuminated crosshair diagonal although it may be inserted directly into the telescope drawtube.

$ . . . .



Illuminated Crosshair Diagonal equipped with Filar

ILLUMINATED CROSSHAIR DIAGONAL

Beam-splitter type. Built-in light source with variable-intensity rheostat control. Battery box and extension cord. Supplied with removable 9mm. A.S. double-crosshair eyepiece for guiding. Fits both UNITRON rack and pinion focusing mechanisms or 1¼″ eyepiece holders. Wooden case **$32.50**

SOLAR APERTURE DIAPHRAGMS

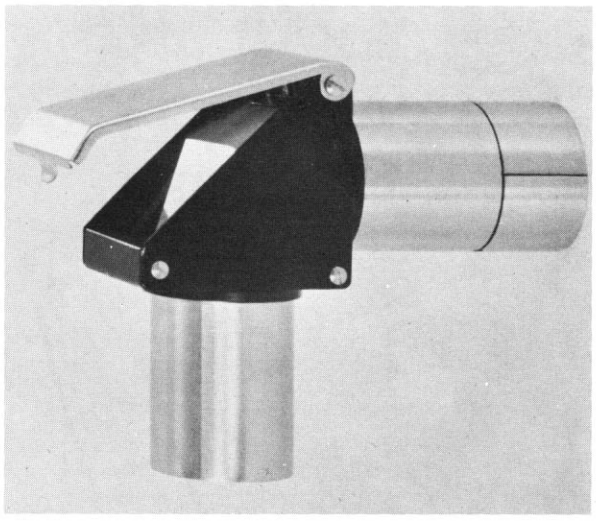
When observing or photographing the sun with 4″ refractors, and when photographing with the smaller models, an aperture diaphragm is recommended for reducing the heat and light intensity.

for 2.4″ Refractors, single aperture . . .	**$0.75**
for 3″ Refractors, single aperture	**1.00**
for 4″ Refractor, single aperture (shown with Model 150)	**3.00**
for 4″ Refractors, two apertures on revolving disk	**4.25**

SUNGLASS

Sunglass for 24.5mm. o.d. eyepieces (as shown with Model 150)	**$3.00**
Sunglass for 1¼″ o.d. eyepieces	**3.00**

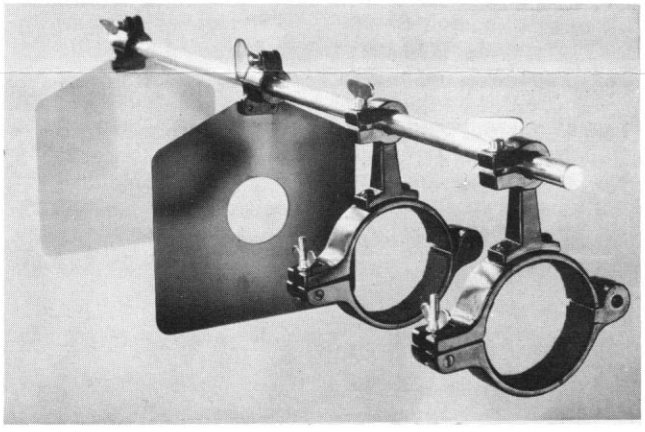
SUN DIAGONAL



Herschel solar wedge. A right-angle viewing attachment for solar observation. Reduces the intensity of the sun for safe viewing with larger apertures.

Model A, for UNITRONS	**$17.50**
Model B, for 1¼″ eyepiece holders . . .	**22.50**

SUN PROJECTING SCREENS



Sun Projection Screen for 2.4″ UNITRON with UNICLAMPS

As illustrated with Model 142. White metal screen with matching black metal shade, chromed brass extension rod with mounting brackets and screws.

Set for 2.4″ Refractors (complete with UNI-CLAMPS)	**$12.75**
Set for 3″ Refractors with screens 6″ x 6″ .	**13.50**
Set for 4″ Refractors with screens 7″ x 7″ .	**15.75**
Set for 6″ Refractors with screens 13″ x 13″ .	**22.00**

ERECTING PRISM SYSTEM

As shown on Model 140. Accepts eyepieces of 24.5mm. o.d. Add 35¢ for plastic bushing to use in 1¼″ eyepiece holders. To hold eyepieces of 1¼″ o.d. the short adapter, priced at $3.00, is needed in addition . . . **$18.50**

PRISMATIC STAR DIAGONALS

As shown on Model 127.

for 24.5mm. o.d. eyepieces	**$ 8.75**
for 1¼″ o.d. eyepieces	**12.50**

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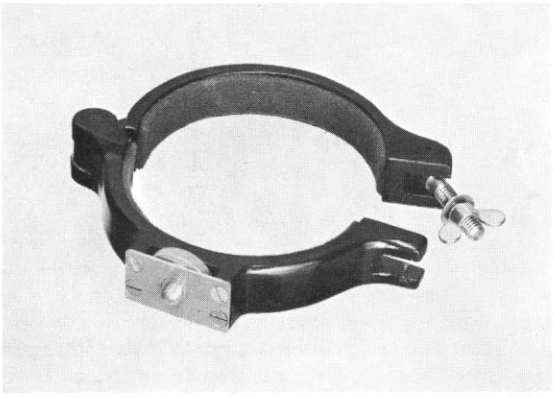
Telescope Accessories and Components by UNITRON

UNICLAMPS

For attaching accessories to the telescope tube without drilling holes in the tube. Attach or remove in a jiffy.

for 2.4″ Models (2 11/16″ i.d.)	per pair	$ 4.75
for 3″ Models (3 1/4″ i.d.)	per pair	6.00
for 4″ Models (4 1/4″ i.d.)	per pair	9.50
for 6″ Models 6 7/16″ i.d.)	per pair	20.25

UNICLAMP CAMERA BRACKET



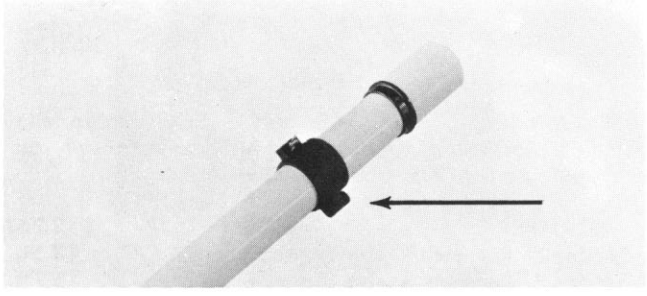
A convenient device to attach a camera to your telescope as illustrated with Model 145.

for 2.4″ Models	$3.25
for 3″ Models	3.75
for 4″ Models	5.50

UNIBALANCE Tube Assembly

For 3″ Models with UNICLAMPS (as shown with Model 145)	$15.50
For 4″ Models with UNICLAMPS (as shown with Models 160, 166)	22.75
For 6″ Models with UNICLAMPS (as shown with 6″ Models)	43.75
For 6″ Models, as above but without UNI-CLAMPS	23.50

COUNTERBALANCE CLAMPS



Consists of a heavy cylinder which clamps around the telescope tube to balance heavy accessories such as the Astro-Camera.

for 2.4″ Models	$4.00
for 3″ Models	5.50

METAL PIERS

These piers are designed to hold the UNITRON Equatorial Mountings. With shelf to support clock drive. Prices are f.o.b. Boston.

for 4″ mounting (as shown with Model 166)	$188.00
for 6″ mounting	555.00

REFRACTORS WITHOUT MOUNTINGS

The UNITRON 3″, 4″ and 6″ Refractors (Models 142, 152 and 600) are available as separate units without the equatorial mountings, tripod or pier. Note carefully that the eyepieces, accessories, type of rack and pinion, and the equipment furnished is that of the equatorial (rather than the altazimuth) models. For complete information, refer to the catalog descriptions. These units may be purchased with some of the eyepieces and accessories omitted and in this case an allowance is given for omitted components equal to 90% of their prices. All prices are f.o.b. Boston.

3″ Refractor, UNITRON Model 142, without mounting or tripod	$ 237.00
4″ Refractor, UNITRON Model 152, without mounting or tripod	415.00
6″ Refractor, UNITRON Model 600, without mounting, drive or pier	1670.00

Also see the sections on Viewfinders and Guide Telescopes for information on 2.4″ Refractors of focal length 500mm. and 700mm. and the 4″ Guide Telescope.

EQUATORIAL MOUNTINGS

These mountings are sufficiently sturdy to accommodate larger refractors of average weight and much larger reflectors. Complete with wooden tripod and cabinets. Prices are f.o.b. Boston.

As supplied with UNITRON 3″ Models 142, 145	$198.00
As supplied with UNITRON 4″ Models 152, 155	370.00
The 6″ mounting is available as a separate unit without the metal pier and clock drive. These latter components are priced below.	$2610.00

CLOCK DRIVES

Weight driven type for 4″ Model (as shown with Models 160 and 166) complete with coupling and hardware to attach to worm gear shaft, metal shelf to attach to tripod legs, and weights **$210.00**

Weight driven type for 6″ Models complete with coupling, hardware to attach to worm gear shaft, and weights **$290.00**

Synchronous Motor Drive for 4″ Model complete with coupling and hardware to attach to worm gear shaft For 110 volts, 60 cycles $ . . . .

Synchronous Motor Drive for 6″ Model complete with coupling and hardware to attach to worm gear shaft. For 110 volts, 60 cycles $ . . . .

Clock drives for the other models will be offered as rapidly as conditions permit.

ASTRO-CAMERAS

Model 220 is illustrated and described with Model 145. Further descriptive information will be found on the page following Model 152. Complete unit as described.

Model 220A, for UNITRONS	$ 69.50
Model 220B, for 1 1/4″ o.d. eyepiece holders	69.50
Model 330 is illustrated and described with the 6″ models. Fits Super rack and pinion sleeve (58mm. o.d.) or equivalent	149.00

NOTE

Please note that we do not offer: telescope kits, lens grinding supplies, mirrors, individual gears or lenses, separate altazimuth mountings, barlow lenses, binoculars, books or maps.

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