

PRESENTING . . .

**THE CUSTOM LINE OF
HIGHEST PRECISION**

Dynascopes



**MANUFACTURED BY THE CRITERION MANUFACTURING CO.
331 CHURCH STREET, HARTFORD 3, CONN.**

SPECIFIC DYNASCOPE ADVANTAGES

OPTICAL SYSTEM

The quality of optical performance depends on the characteristics of each element and its final coordination in an optical system. The optical systems of all Dynascope models listed herein are fully achromatic and will render perfect resolution. On nights of good seeing the Dawes Limit is easily reached and Dynascope owners frequently report exceeding the theoretical limits. To guarantee optical excellence, the optics are built with lavish care and then meticulously tested and re-tested before they are installed in a Dynascope.

MAIN MIRROR

Mirrors are exquisite paraboloids built to most exacting specifications by our master craftsmen. Surface far better than $\frac{1}{10}$ wave. Each is made of Pyrex in correct thickness, and in focal ratios that result in compact instruments capable of a broad range of observational use. Each is aluminized and overcoated to eliminate deterioration. Mirror is housed in a ventilated cushioned cell with three positioning adjustments. Ventilation has been carefully computed to allow least thermal interference. Entire cell is removable for mirror maintenance.

SECONDARY MIRROR

Elliptical, with sufficient surface area to utilize maximum illumination. Pyrex glass of proper thickness to eliminate surface flexure and thermal effects. Surface accuracy, $\frac{1}{10}$ wave. Aluminized and zircon quartz overlaid.

ANTI-DIFFRACTION SUPPORT

The secondary is mounted in a special circular support that eliminates the diffraction "spikes" caused by the conventional three and four vane type spiders. An increase in light also results. This special mounting has been thoroughly tested and is also used in the latest Government optical instruments. This feature makes the Dynascope the FIRST reflecting telescope capable of taking celestial photographs with minimum diffraction.

OPTICAL ADJUSTMENTS

All Dynascope models are equipped with alignment adjustments for collimating both the primary and secondary. The secondary is mounted in a brass cell, having lateral, angular, horizontal and vertical movements for adjustment. Alignment of both axes, whenever necessary, can be made to perfection.

EYEPICES

A Matched set of five precision oculars is provided with each Dynascope. They have undergone exhaustive tests and meet the highest optical specifications. 1.250" diameter. The range of powers will cover a broad range of use from star work, to fine planetary detail, doubles, etc. Wide flat fields sharp to the very edge. Magnesium fluoride coated.

FINDER SCOPE

8 x 50, Achromatic, Coated. Extra wide 6 degree field. Cross Hairs. Brilliant clear views. Equipped with dew cap and end cover. Metallic grey finished aluminum barrel with polished chrome fittings. Double posted bracket with six adjustments for collimation. On all models.

DYNA-MESH RACK & PINION FOCUS

Satin Smooth focusing action permits hairline adjustments. Extensible draw tube to accommodate any eyepiece, positive or negative. Exposed focal plane for astro-photography. Precision gear drive with finely knurled hand wheels. Position is provided for attaching camera support.

FULLY ROTATING TUBE & COUNTER POISE

The Dynascope tube can be revolved at will to any position by slight pressure, placing the eyepiece at the most convenient viewing position, and stays without adjustment. Straining to reach the eyepiece is eliminated and group observations and prolonged study is accomplished in comfort. ALL Dynascope models, standard and electric, are equipped with the *fully rotating* tube arrangement. In addition, a *counterpoise* is installed to eliminate the unbalanced condition caused by the act of rotation. The convenience of fully rotating tubes on other commercially made telescopes becomes a tremendous inconvenience when the user finds he must continually readjust the main counterweight to offset the weight shift that occurs when the tube is turned. The Dynascope tube is dynamically balanced and eliminates this condition.

TUBE MATERIAL

Made of special type bakelite, and finest phenolic resins and is concentric for optical plane. Is virtually indestructible. Exceptionally light, it has far greater insulating qualities than metal, fiberglass and even ceramics. It will not change in extremes of temperature or "dry out" with time. This superior dimensional stability maintains alignment of primary and secondary axes. Extensively tested and approved.

EQUATORIAL HEAD

Heads of the 6 and 8 inch models are of aluminum; 10 inch models are of cast iron. All are adjustable to any latitude easily with adjusting screws. Hardened steel axles $1\frac{1}{2}$ " diameter. Polar axle rides in oversize precision ground needle roller bearings. So carefully have these important parts been machined and fitted that they move with the ease and precision of a fine watch without the slightest trace of unwanted instability.

ELECTRIC DRIVE

(Optional on standard models) Dynascope models equipped with the electric clock drive are ideal for group sessions, photography, and are easiest to operate. Once the object is centered in the field of view, drive takes over instantly and keeps it there accurately and for as long as desired. Self acting clutch engages and disengages drive without pause as different objects are sought for observation. Considered the most efficient and compact drive possible, it is fast starting, vibration free, absolutely smooth, and steady. (Prospective purchasers of our standard models will do well to consider including this much desired feature in their order.) Equipped with special type synchronous electric motor, AC 110/120 Volt 60 Cycle. Highest precision brass

and bronze gear train, fully compensating clutch. Adjustments are provided for clutch tension, back lash and wear thru-out the entire gear system if ever needed. Telescope can be operated manually without electricity at any time. Entire drive completely covered to eliminate dust, moisture, etc. Equipped with warning light, toggle switch, and 18 foot UL approved power cord. DC converter for field use available at additional cost.

TWO-WAY PIER-TRIPOD (Pat. Pending)

Every 6", 8" Electric Dynascope can be mounted in a permanent installation and still be used, whenever desired, for field trips. Attached to the equatorial head is a sturdy portable folding tripod. This tripod rests within the permanent pedestal and, by unfastening the holding screws, can be withdrawn in seconds. Since the telescope itself is also demountable from the tripod head, extreme versatility and portability is achieved. Permanent pedestal is 45 pounds, of cast iron for maximum rigidity, and finished in baked wrinkle black to resist weathering. Tripod has exclusive Criterion Tri-Lock legs guaranteed to keep legs from shifting, to prevent accidental collapse and to minimize vibration.

SETTING CIRCLES

(Optional on Standard Models) Made of choice aluminum. 7" Diameter. Spoked for easy setting. Mounted independent of drives for easy reading and adjustment. Hour circle is graduated to 4 minutes of time with verniers of two minutes. Declination is graduated in full degrees with $\frac{1}{2}$ degree verniers. Accurately scribed.

PORTABILITY

Dynascopes can be dismantled in minutes for transport. Telescope bodies are held in saddles with two generous hand wheels requiring only hand pressure for tightening or loosening. Equatorial heads can be taken apart at latitude segment. Entire instrument thus breaks down into three separate units easily. On permanent installations, Mounts can be left outdoors while telescope alone is brought indoors, minimizing the need for costly sheltering, and requiring only a canvas cover for the Mount. All telescopes are provided with waterproof end covers as protection in storing and to permit reasonable protection if telescope is left outdoors.

EASE OF OPERATION

Dynascopes are compact instruments requiring no steps or ladders, etc. to reach the eyepiece. 6 and 8 inch models can be used by anyone tall or short without the need of any height aids. And a short person may need the help of a small wooden box only when observing at zenith with the 10, 12, 16 inch models.

HANDSOME APPEARANCE

Unmatched for their rich, sparkling finishes and trim, professional lines, Dynascopes command attention wherever they are seen. Their rugged durability and fine design assure years and years of trouble free performance.

**6 INCH f8.5
STANDARD MODEL
DYNASCOPE®**

**6 INCH f8.5
ELECTRIC DE LUXE
DYNASCOPE®**

**8 INCH f8
ELECTRIC
DE LUXE
DYNASCOPE®**

**10 INCH f7
ELECTRIC
DE LUXE
DYNASCOPE®**

FULLY ROTATING TUBE

- 5 Eyepieces
- 8x50 Finder
- Anti Diffraction
- Roller Bearings
- Tri Lock Tripod

Shipping Weight 80 lbs.

Dimensions
Tube, 7" dia., 53" long
Height at Zenith—50"
Weight with Pier—130 lbs.
Weight on Tripod—80 lbs.
Shipping Weight—150 lbs.

Dimensions
Tube, 9½" dia., 62" long
Height at Zenith—61"
Weight with Pier—160 lbs.
Weight on Tripod—90 lbs.
Shipping weight—Approx. 185 lbs.

Dimensions
Tube, 12¼" dia., 74" long
Height at Zenith—72"
Weight telescope—40 lbs. approx.
Weight mounting—155 lbs. approx.
Shipping weight—approx. 245 lbs.

The 6" Standard Model is an extremely portable telescope designed for highest astronomical performance. Identical to the 6" DeLuxe except that Clock Drive, Setting Circles, and Pier are omitted. Tube is Fully Rotating. Tri-Lock (pat. pend.) tripod provides remarkable stability. Entire telescope can be disassembled and assembled in minutes. Pyrex parabolic mirror and elliptical diagonal aluminized, overcoated, and hand figured to better than 1/10 wave. 5 eyepieces for 45X, 76X, 152X, 228X, and 343X. 8x50 Achromatic finder with cross hairs, 6" field. Equatorial Head adjustable any latitude with simplicity. 1½" polar and declination axles in roller and thrust bearings. Vibration dampeners. Mount is finished baked black wrinkle and tube in smart instrument grey. Highly polished aluminum fittings and trim. Weight complete 68 lbs. Widely accepted for its versatility and advanced design, this telescope is ideal for the astronomer who requires a portable telescope of highest precision and ability. With traditional Dynascope precision, you can be sure of endless thrills and exhilarating observations. Every Dynascope is carefully built with the care only master craftsmen can give, is doubly tested and must be mechanically as well as optically perfect to pass inspection. Dynascope owners see more, see better. This remarkable telescope has features never before available, is rugged, scientifically correct, unconditionally guaranteed and an instrument you will be very proud to own indeed.

SPECIFICATIONS
Equipped with hardwood tripod legs..... F.O.B. factory **\$295.00**
Equipped with aluminum tripod legs..... F.O.B. factory **\$325.00**
Whenever desired, Clock Drive \$80., Setting Circles \$60., Permanent Pier \$70., Manual Slow Motion with Flex Line on Polar Axis—\$29.90 additional.

The 6" De Luxe Dynascope is really a masterpiece of advanced optical and mechanical engineering. All objects within the grasp of a 6" aperture are easily resolved with breathtaking detail. Everything needed for superlative viewing and ease of operation is provided. The massive mounting assures stability beyond compare and the instrument moves with incredible smoothness. Two Way Pier (pat. pend.) contains portable tripod for field trips. Entire instrument can be dismounted in minutes. Fully Rotating Tube, Electric Clock Drive, Setting Circles, and Rugged Pier mean efficient prolonged observations and group study. Exquisite f8.5 Parabolic Mirror and Elliptical Diagonal are superbly hand figured. Anti-Diffraction secondary support. Five highest precision oculars. Dyna-Mesh rack and pinion focuser with extra range adapter, exposed focal plane, and camera support station. 1½" Polar, Declination axles ride in needle roller bearings and roller thrust bearings. Head adjustable any latitude with simplicity. This superb telescope achieves the highest degree of stability and precision and is unexcelled for serious research in Variable Star, Lunar, Planetary, and general astronomical observations.

SPECIFICATIONS
Mirror—6", pyrex, parabolic, f8.5, 1346mm f.l., 1/10 wave, aluminized, overcoated
Diagonal—Elliptical, pyrex, 1/10 wave
Limiting Magnitude—13.3
Resolution—0.76 seconds of arc
Finder—8 X 50, Achromatic, coated, 6" field

Eyepieces (5) 1.250 dia.
30MM Achromatic Ramsden.....45X
18MM Achromatic Ramsden.....76X
9MM Achromatic Ramsden.....152X
6MM Orthoscopic.....228X
4MM Orthoscopic.....343X

6 Inch Electric Deluxe Dynascope Complete
F.O.B. Factory, Hartford **\$525.00**

8" De Luxe Dynascope models are ideal where greater light grasp is desired, having about twice the light grasp of a 6". Parabolic pyrex mirror is exquisitely hand corrected assuring utmost resolution to the limits of its aperture. Elliptical diagonal of same specifications and five highest quality oculars provide an optical system of excellent ability. Dynamic performance. Anti-diffraction secondary support. Equatorial Head adjustable any latitude with simplicity. 1½" dia. axles. Polar Axle rides in precision needle roller bearings and the entire instrument moves with delightful smoothness. Slow motion declination control. 7" diameter Setting Circles. Fully Rotating tube with rotation counterpoise. Permanent Pier with enclosed portable tripod. Electric Clock Drive. All these features make this an outstanding telescope for more ambitious astronomy programs, study of nebulae, galaxies, clusters, etc. With the portable tripod, surprising portability is achieved. On permanent installations, telescope itself can be brought indoors, leaving mount outside and undisturbed. Mount finished in black wrinkle, tube in smart instrument grey. Built to critical standards and rigidly tested to produce flawless visual and photographic resolution.

SPECIFICATIONS
Mirror—8", pyrex, parabolic, f8, 1625mm f.l., 1/10 wave, aluminized, overcoated
Diagonal—Elliptical, pyrex, 1/10 wave
Limiting magnitude—13.9
Resolution—0.6 seconds of arc
Finder—8X 50, Achromatic, ctd, 6" field

Eyepieces (5) 1.250 dia.
30MM Achromatic Ramsden.....55X
18MM Achromatic Ramsden.....90X
9MM Achromatic Ramsden.....180X
6MM Orthoscopic.....270X
4MM Orthoscopic.....410X

**8 INCH ELECTRIC DE LUXE DYNASCOPE COMPLETE
F.O.B. Factory, Hartford, \$595.00**

8 Inch Standard Model (Same as above but without Clock Drive, Circles, Pier) \$385.00.
When desired, Clock Drive \$80. Setting Circles \$60. Permanent Pier \$70. Manual Slow Motion with Flex Line on Polar Axis—\$29.90 additional.

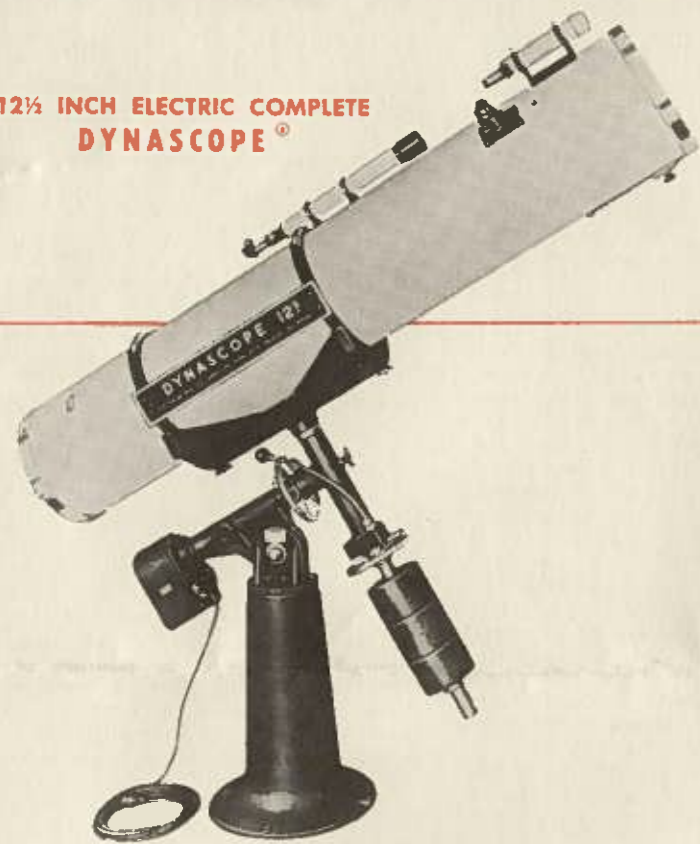
The 10 Inch Electric De Luxe Dynascope meets the requirements of a research quality telescope of large aperture. Its astounding performance is especially evident in observations demanding the finest definition and resolving power. Variable stars, nebulae, galaxies, delicate planetary and lunar shadings superbly resolved. Its precision of movement and compact design enable comfortable observing. Chosen because of its overall precision, it is currently used on scientific research programs by the U. S. Government. The optical system is built to the highest degree of perfection. The classic 10" parabolic mirror is a perfect example of the mirror makers art and represents many hours of lavish, painstaking craftsmanship. Smooth automatic following makes group observations satisfying. Tube finished in instrument grey. Fully rotating and variably counterpoised. Telescope dismountable from saddle of mount so that shelter can consist of only a canvas covering for the mount, the telescope being brought indoors or some other storage area when not in use. Equatorial Head adjustable any latitude with simplicity, oversize roller bearings on polar axis, roller thrust bearings on declination. Cast iron pedestal assures maximum rigidity, and circular base permits rapid installation and facilitates location changes when desired. Declination fine setting adjustment. Unexcelled electric clock drive. 7" hour angle and declination circles with verniers to two minutes and ½ degrees respectively. Construction throughout is of lifetime weather resistant materials. Aluminum fittings and trim highly polished. Side plates act as carrying handles. This instrument is custom built to critical standards and achieves the highest degree of perfection for telescopes of its size.

SPECIFICATIONS
Mirror—Pyrex, f7, parabolic, 1778-mm f. l., 1/10 wave, aluminized, overcoated
Diagonal—Elliptical, pyrex 1/10 wave, aluminized, overcoated.
Finder—8 X 50, Achromatic, Coated, Cross Hairs, 6" field.
Telescope is completely assembled with Rotating Tube, Clock Drive, Setting Circles, Cast Iron Pedestal. End Covers and is fully tested.

Eyepieces (5) 1.250 dia.
30MM Achromatic Ramsden.....60X
18MM Achromatic Ramsden.....100X
9MM Achromatic Ramsden.....200X
6MM Orthoscopic.....300X
4MM Orthoscopic.....450X

**10 INCH COMPLETE DE LUXE DYNASCOPE
F.O.B. Factory, Hartford. \$895.00**

**12 1/2 INCH ELECTRIC COMPLETE
DYNASCOPE®**



The 12 1/2 inch models are research instruments having those features most required by schools, colleges, universities and the advanced astronomer.

SPECIFICATIONS

Mirror: Parabolic, f6, to f7, surface accuracy better than 1/8 wave aluminized, overcoated, pyrex.
 Oculars: Six 1 1/4 in. eyepieces are supplied as follows:

30MM Achromatic Ramsden—75X	12.7 Achromatic
16.3 Erfle140X	Ramsden190X
9MM Achromatic Ramsden 250X	6MM Orthoscopic370X
	4MM Orthoscopic560X

In addition a Goodwin Resolving Power lens is furnished

Finder: 8X 50 Achromatic, Coated, Cross hairs, 6 degree field. Photographic Guide Telescope . . . 50MM or 2.4 at additional cost.

Tube: Fully rotating, 14 1/2 inch dia, approx. 85 inch long, zenith 80°, variable counterpoises.

Equatorial Head: Cast iron, roller bearings, 7 inch setting circles, Electric clock drive.

Weight telescope alone, approx. 90 lbs., weight of mounting, approx. 260 lbs. Shipping weight 300 lbs. approx.

\$1,575.00 F.O.B. HARTFORD

16 Inch Observatory Model DYNASCOPE

SPECIFICATIONS

Mirror: f7, 6205mm f.l., Pyrex, exacting corrections, Parabolic, 16 inch aperture.

Tube: Fully rotating, 2 inch diameter eyepieces mount with adapter for 1 1/4 in. eyepieces, 18 in. diameter, approx. 102 inches long.

Oculars: (9). 30MM, 18MM, 16.3MM, 9MM, 7MM, 6MM, 4MM, Goodwin Resolving Power Lens

Finder: 10X62MM, achromatic, coated, cross hairs, and 2.4 photographic guide telescope

Mounting: Cast Iron pedestal, 12 inch setting circles, 4 1/2 inch dia. axles, electric slow motions on both axes.

Clock drive: Electric 110, 120 volt, 60 cycle.

Delivery: Approximately six to seven months after receipt of order.

Note: While the other Dynascope models are normally delivered in two to three weeks, the 12 1/2 in. requires approx. two months and the 16 inch six to eight months for delivery.

TRADE-IN-PLAN

Any 4 Inch DYNASCOPE, regardless of condition, can be traded in toward any of these Custom Line Dynascope models. In fact, any model Dynascope can be traded at any time toward a larger model. When writing, give date of purchase and price paid. A maximum allowance quotation based on time used, will be sent immediately. Another reason why it pays to own the one famous telescope used by thousands of Amateur and Professional Astronomers all over the world—the DYNASCOPE!

ACCESSORIES FOR ALL DYNASCOPE MODELS

All the Dynascope models listed are equipped with accessories that have proven their usefulness by long experience. As the interest and proficiency in telescopic observations increase, Dynascope owners may add other accessories, whenever desired. Listed below are a few.

50MM Photographic Guide Telescope (as shown on 12" model) with bracket...\$40.00

Goodwin Resolving Power Lens . . . a fully achromatic barlow that increases magnification three times of eyepiece used with it, and widens field...\$23.50

16.3 Erfle Eyepiece 75° field, for extreme angle views	\$18.50
7MM Achromatic Ramsden	\$12.50
18MM Huygens	\$12.50
8MM Orthoscopic	\$16.50
12.7 Achromatic Ramsden	\$14.50



SINGLE REFLEX CAMERA

Takes 35MM—Fits directly into Eyepiece Holder of all models. Ground glass shows clearest focus. Time exposure and all speeds to 1/500 second. Complete with adaptor, cable release, guarantee.
 #CP-35 \$89.00 Postpaid

TRIPLE TURRET EYEPIECE HOLDER

Fits all models—Holds three eyepieces. Click stop for each position—Precision construction.
 #RT350 \$14.50 Postpaid



SHIPMENTS . . . Unless otherwise specified, telescope shipments are made via Railway Express, express charges collect f.o.b. Hartford, Conn. Shipping weights, because of the packing used, vary and are to be used as a general guide only. Instruments are crated and otherwise protected to insure safe arrival.

DELIVERIES . . . Deliveries are made as quickly as possible, subject to existing conditions at time order is placed. 6, 8, 10 inch models are normally shipped within two to three weeks. Notice of delivery time will be sent upon receipt of order.

TERMS . . . 1/2 with order, balance COD, net cash, or time payment plan. Order blanks enclosed. Open account to rated firms, schools, colleges, universities, etc.

GUARANTEES . . . All Dynascope telescopes are unconditionally guaranteed in respect to performance, construction, and individual components.

We also manufacture the famous smaller Dynascopes as well as a complete line of parts for the amateur telescope maker. Literature on request.

Dynascope® trade mark is registered U. S. Patent Office.
 Criterion Manufacturing Company
 331 Church St., Hartford, Conn.

Prices and specifications subject to change without notice.

THE CRITERION MANUFACTURING COMPANY

Manufacturers of Quality Optical Instruments
 331 Church Street, Hartford, Connecticut

Phone: CHapel 7-1696 Cable Address: "CRICO"

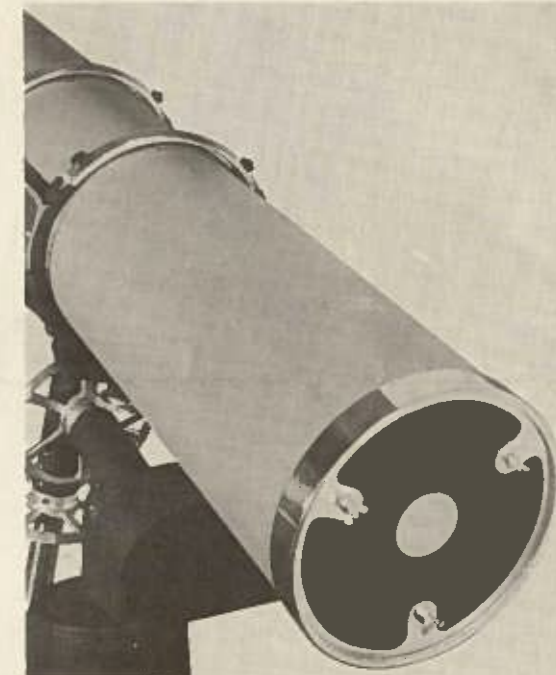
THE HIGHEST PRECISION 6", 8", 10", 12 1/2", 16" DYNASCOPE REFLECTING TELESCOPES

These Superb Telescopes are custom crafted with one objective in mind . . . to provide the best possible telescope for the most exacting observer. Combining the latest advances in optical engineering with the skill and patience of master craftsmen, these superb instruments guarantee unexcelled optical and mechanical performance.

The Dynascope exclusive features set new standards of perfection for reflecting telescopes. *Nothing* has been overlooked to make them the finest of their class regardless of price. We fully believe these instruments represent the ultimate in fine optical equipment for Colleges, Schools, Professional and Amateur Astronomers.

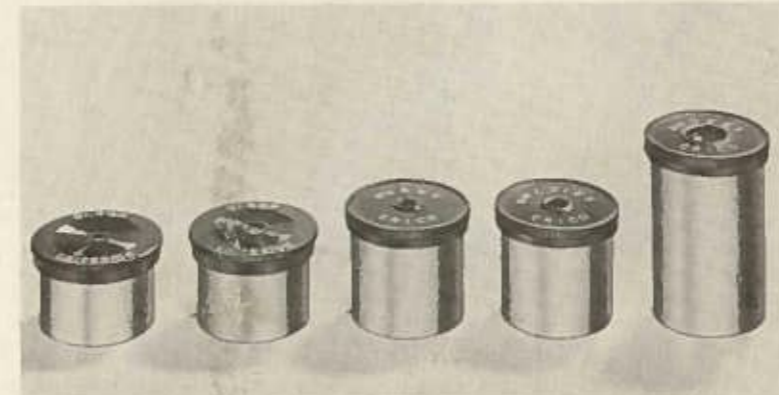
**WHY THE DYNASCOPE IS PREFERRED BY DISCRIMINATING
AMATEUR AND PROFESSIONAL ASTRONOMERS**

The Criterion Manufacturing Company has long specialized in the manufacture of telescopes and has produced more telescopes of all kinds than any other present day manufacturer. This concentration of effort, experience, know-how, and skill has resulted in many very important advantages. Every feature of these fine precision telescopes is years ahead in design yet based on time-tested engineering principles. Countless hours of research, development, laboratory and field tests, combined with fine workmanship, guarantee that every Dynascope can be relied upon to give superior results in every way. Which-ever model you choose you are sure of owning the finest telescope in its class.

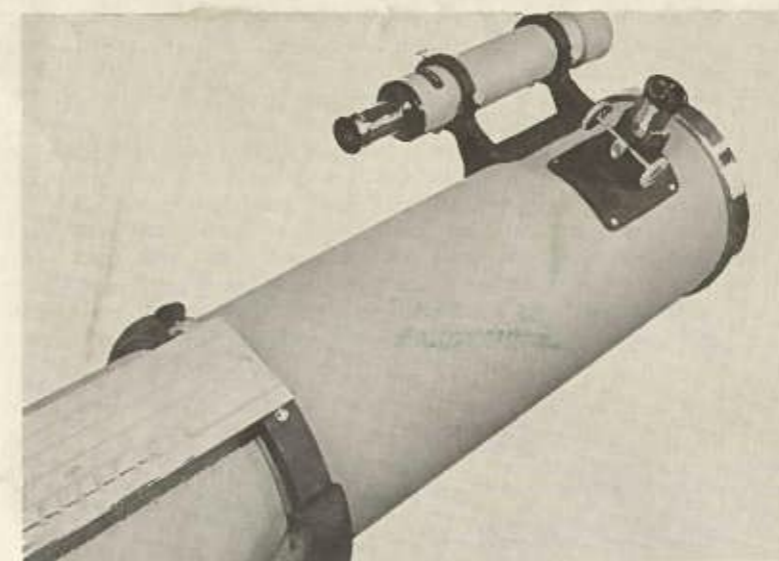


REAR OF 6", 8", 10" DYNASCOPE SHOWING MIRROR ADJUSTMENT. HEAVY CAST POLISHED MOUNT. VENTILATION PLUG. REMOVABLE MOUNT

UNRETOUCHED PHOTOS ON THIS PAGE SHOW SOME OF THE MAJOR FEATURES OF THE 6, 8, 10 INCH DYNASCOPES.



THE MATCHED SET OF FIVE PRECISION OCULARS SUPPLIED WITH 6, 8, 10 INCH DYNASCOPES



VIEW SHOWING 8x50 ACHROMATIC FINDER DYNAMESH EYEPIECE MOUNT ON 6", 8", 10" DYNASCOPE



ROTATING TUBE ARRANGEMENT ELECTRIC MOTOR 7" SETTING CIRCLES LATITUDE ADJUSTMENT ON 6", 8", 10" DYNASCOPE



NEW

RV-6

DYNASCOPE®

*a truly
portable
6-inch
reflector*

No
Extras
To
Buy!

There are no hidden extras to run up your cost when you select this popular new DYNASCOPE. Its modest price includes every feature, every component described in this folder. The RV-6 arrives fully assembled, ready for you to enjoy.

Unconditionally
Guaranteed!

You can order this magnificent instrument with complete confidence. Not only is it twice-tested before shipment, but it is guaranteed to meet the final test—your own expectations of construction and performance. If, for any reason, you are not fully satisfied, your full purchase price will be cheerfully refunded.

Enjoy
It Now—
Pay Later!

There's no need to put off the extra thrills that can be yours with the RV-6 DYNASCOPE. Just a small down payment delivers this fine instrument for your enjoyment now! You can pay the balance in small, easy installments over your choice of payment periods—6, 12, 18 or even 24 months. Write for full details.

proof of performance

Read these typical comments from
delighted DYNASCOPE owners:

"I never dreamed such a brilliant, clear image could be had with a telescope costing under \$200. It is one of these rare bargains that you find only once or twice in a lifetime."

B. S.—New Jersey

"A friend of mine has a 6-inch telescope without electric drive, for which he paid over \$300. He agrees that my new DYNASCOPE not only out-performs it, but is a much better-looking and better-built instrument."

J. L.—New York

"Congratulations on the excellence of your workmanship. The optics are truly amazing. I never expected such wonderful performance."

L. H. N.—Mass.

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TM Registered U.S. Pat. Office

NEW

RV-6

DYNASCOPE®

*a truly
portable
6-inch
reflector*



*the only thing more amazing
than its low price is its*

Breathtaking Performance!

**See how this superb new portable 6-inch DYNASCOPE
can add new dimensions to your viewing pleasures!**

Here, at last, is the perfect answer for those who demand the extra performance of a finely engineered 6-inch reflector — *plus easy portability!*

This highly versatile instrument is already the favorite among serious amateurs and leading schools and colleges all over the country. Not only does it offer large aperture, portability and the extra convenience of an electric drive, but its performance is absolutely without parallel in an instrument so reasonably priced. With its electric drive, the RV-6 will follow objects for hours without constant readjustment and has proven ideal in accommodating groups of students for short periods of time and for amateurs engaged in astrophotography. Single reflex cameras and adapters are available. At its highest point this RV-6 DYNASCOPE is a most com-

portable 50 inches high and can be further adjusted for other positions because of its unique saddle and rotating rings.

High resolution and contrast in faint lunar and planetary detail requires optics of highest precision — and DYNASCOPE optics are unexcelled. The RV-6's superb optical system is guaranteed to resolve objects to all theoretical limits of definition and resolution for its size. You'll be able to see: belts of Jupiter, markings on Mars, ring system of Saturn, fine surface detail on the Moon, double stars, galactic nebulae and star clusters and many, many other wonders. Yet you'll find there is complete portability because in a matter of minutes, the entire telescope can be dismantled into three easy-to-handle sections. For more facts about its fully professional features, see specifications inside.



Star Cluster In Hercules



Spiral Nebula In Ursa Major



The Great Nebula Of Orion



Central Region Of The Moon



Saturn And Its Rings

These photographs are typical of the observations that can be made with the RV-6 Dynascope.

Photos Courtesy of Yerkes Observatory, Hayden Planetarium, Mt. Wilson and Palomar Observatories.

CRITERION Manufacturing Co.

**331 Church Street
Hartford, Connecticut**
Manufacturers of Quality Optical Instruments

*you could pay \$100
more without getting
all these superior
quality features*

(Except on another DYNASCOPE)

- 1 FULLY CORRECTED OPTICAL SYSTEM INCLUDES F/8 6-INCH PARABOLIC PYREX MIRROR accurate to better than $\frac{1}{8}$ wave, aluminized and zircon quartz coated to prevent oxidizing. Teamed with elliptical diagonal, mounted in 4-vane adjustable spider. Guaranteed to reach all theoretical limits of resolution and definition.
- 2 NEW ELECTRIC DRIVE with smooth self-acting clutch that engages and disengages automatically as you seek different objects. Will not interfere with manual operation, when desired. Entire drive housed in trim aluminum case. Plugs into ordinary household socket. Inverter available for field use.
- 3 CHOICE OF ANY 3 EYEPIECES from the following: 65X-18-mm. Achromatic Ramsden; 100X-12.7-mm. Achromatic Ramsden; 150X-9-mm. Achromatic Ramsden; 220X-6-mm. Orthoscopic; 320X-4-mm. Orthoscopic. All are precision-threaded, give sharp images to extreme edges.
- 4 SOLID NEW EQUATORIAL MOUNT extra-reinforced design to provide pillarlike stability. No annoying side play or wobble. Adjusts easily to any latitude.
- 5 SETTING CIRCLES for both right ascension and declination. Accurate to 0.0001". Handsomely finished in fine aluminum.
- 6 6 x 30 FINDERSCOPE, ACHROMATIC, COATED, with accurate crosshairs and fine focus. Durable cast-aluminum bracket with 6 adjusting screws allows positive collimation.
- 7 ROTATING RINGS FOR MAXIMUM VERSATILITY AND VIEWING COMFORT. Solid-cast, chrome finish, rings are generous 1" wide with felt lining. Newly designed construction, with over-sized knurled adjusting knobs, affords maximum rigidity and allows for quick disassembly and portability, with or without tube.
- 8 STRIKINGLY HANDSOME, WHITE 50" BAKELITE TUBE with porcelainized Duralite finish, durable yet light. Walls are $\frac{1}{8}$ " thick, completely insulated and anti-reflective blackened inside. Dimensionally stable, maintains perfect collimation at all times.
- 9 BRASS RACK-AND-PINION EYEPIECE HOLDER has precision-cut worm and gear for easier, smoother, more positive focusing. Takes standard $1\frac{1}{4}$ " oculars, negative or positive.
- 10 STRONG, VIBRATION-FREE, ALL-METAL TRIPOD with easily removable legs. Provides sure, steady support, plus lightweight portability.

Finest Materials Throughout— Designed and Built to Observatory Standards

One glance tells you that this stunning new DYNASCOPE shows the careful craftsmanship, advance design and extra finishing touches that set it apart from other telescopes — including higher priced models. This superb instrument achieves utmost portability without sacrificing optical quality or mechanical accuracy. Only the finest materials are used in its construction. All components are precision-finished to exacting astronomical standards by skilled workers who take special pride in producing an instrument that combines extra performance with dependability and long life. Finally, all parts are painstakingly assembled to provide the perfect balance and coordination which is so essential for fully satisfactory viewing. Here is truly an amazing value — a 6-inch reflector of professional quality at a 4-inch price!

IDEAL FOR SERIOUS AMATEURS, SCHOOLS AND COLLEGES

Only Criterion's ingenuity, coupled with volume production, and modern manufacturing methods makes this lightweight, equatorial, 6-inch model available at such reasonable cost. Use the handy order form enclosed to assure earliest delivery.

\$194⁹⁵

F. O. B. Hartford
Shipping Wt. 55 lbs.
Express charges collect.

CRITERION Manufacturing Co.

331 Church Street
Hartford, Connecticut
Manufacturers of Quality Optical Instruments

Why
the

4-inch DYNASCOPE Reflector

Reg. U.S. Pat. Off.

is now used and approved by over 40
colleges and professional institutions



A Complete, Superior Telescope
with Advanced Features

Compare These Advances:

- 1) 4-INCH PARABOLIC PYREX MIRROR — aluminized and overlaid with zircon quartz for maximum life!
- 2) 3 ACHROMATIC EYEPIECES — 18-mm. Huygens, 9-mm. Ramsden, 7-mm. Ramsden—providing 65X, 130X and 167X!
- 3) RACK & PINION focusing!
- 4) 4-POWER Achromatic FINDER SCOPE With Cross Hairs
- 5) NEW IMPROVED MOUNT—fine equatorial with free moving polar axis, Adjustable for Altazimuth, too.
- 6) SIMPLE LATITUDE ADJUSTMENT—making your instrument usable anywhere in the world.
- 7) ALL-BAKELITE TUBE, brass-trimmed!
- 8) CLAMPS ON BOTH AXES—adjust instantly and permit smooth setting of either axis.
- 9) 33" hardwood folding TRIPOD!

A SCIENTIFIC INSTRUMENT OF HIGH CALIBER AT LOW COST!

There's an excellent reason why the 4-inch DYNASCOPE Reflector is now the instrument used, approved and recommended by more and more schools, colleges, planetariums and professional astronomers. It is the remarkable scientific and professional balance built into this complete telescope — at an incredibly low price! If you were to purchase the parts and assemble them yourself, you would spend much more than the unheard of low price of this precision instrument. And in building your own telescope you could never hope to attain the accuracy and co-ordination of parts that have been engineered into the Dynascope.

The 4-inch parabolic mirror produces exquisite definition of all the bright planets and is fully capable of splitting close double stars. (Note: the 4-inch mirror gathers 1/3 more light than a 3 1/2-inch mirror!) Finished to exacting specifications and guaranteed to perform to the Dawes' limit of resolution and a 4-inch parabolic mirror of such quality has only been obtainable in the highest-priced instruments up to now!

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The Criterion Manufacturing Co.
Manufacturers of Quality Optical Instruments

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FOR ONLY
\$49⁹⁵

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PROOF OF SUPERIORITY

(On Request — we will send a list of noted institutions now using the 4" DYNASCOPE)

TESTIMONIALS:

From An Observer

On clear "good-seeing" nights my Dynascope easily reveals the Alpine Valley and the Straight Wall on the Moon, as well as three peaks in the floor of the Plato ring plain. It will split the star Mizar into its major components clearly. It will separate Saturn's rings and show six bands on the face of Jupiter. Also it will project a two-foot diameter disk of the sun showing sunspots in vivid detail . . . as an Englishman might express it, "Dynascope optics are a little bit of all right."
—VICTOR W. KILLICK, in charge of Astronomical Observatory, Sacramento Junior College, Calif.

Many Years of Experience

. . . I have had many years of experience in astronomy, and as junior leader here in Atlanta I always recommend Dynascope.
—LEONARD B. ABBEY, Jr., Decatur, Ga.

Cannot Be Equaled

I still don't see how you can produce a parabolic mirror of this focal ratio at the price . . . Epsilon Lyra was quite easy . . . on the 130 power ocular. I was more than pleased when it resolved this double double as four tiny, sharp, brilliant gems . . . with the diffraction rings concentric and sharp.
. . . For the price you ask, I do not believe that it can be equaled in any way. The oculars are excellent, and the entire instrument shows careful workmanship. How you do it is beyond me. —G. N. JOHNSTONE, Albuquerque, N.M.

Criterion Manufacturing Company

Dept. MD-2,

331 Church Street, Hartford 1, Conn.

Gentlemen:

- Enclosed find payment of \$49.95. Please ship me promptly, subject to your money back guarantee, 4-inch DYNASCOPE Telescope with 9 advanced features.
- Send me FREE Illustrated literature on new 6"-8", 10"-12"-16" Dynascopes

Name.....

Address.....

City..... State.....

NOW-NEW DELUXE 4" DYNASCOPE Reflector with ADVANCED Precision Features Offers A Truly Professional Telescope COMPLETE



FOR ONLY \$79.95

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Shipping Wt. 21 lbs.
Express charges collect

(MODEL K2 DELUXE)

Compare these advanced features with any telescope at double the price!

- ① 4-inch Parabolic mirror—pyrex, finished to exacting specifications and guaranteed to perform to the limit of resolution! Aluminized and zircon quartz overlaid to insure maximum protection and lasting use! (The 4-inch mirror gathers $\frac{1}{2}$ more light than any comparable 3 $\frac{1}{2}$ inch mirror.)
- ② NEW improved cast iron, true Equatorial and Alt-Azimuth mount with free moving Polar Axis Rod complete with friction adjustments for any latitude, declination, and ascension. Rugged, weighs approximately 12 pounds, both axes $\frac{1}{2}$ inch steel supported on 4 bearing surfaces and guaranteed for vibration free action and necessary smoothness.
- ③ NEW 1 $\frac{1}{4}$ inch eyepiece mount with exclusive double draw focus and rack and pinion. Adjustable for 3 inches of travel to accommodate any eyepiece negative or positive! Built in diagonal mirror accurate to $\frac{1}{8}$ wave tolerance.
- ④ 3 eyepieces—18MM Huygens, 9MM achromatic Ramsden, 7MM achromatic Ramsden for 65X, 130X and 167X.
- ⑤ 4-power achromatic finder-scope with crosshairs. Extra large field of view.
- ⑥ NEW covers for eyepiece tube and open end!
- ⑦ NEW bakelite tube beautifully finished in grey wrinkle enamel!
- ⑧ NEW improved hardwood folding tripod legs in natural finish. Sturdy, balanced, perfect portability!

Inquire for details of convenient Time-Payment Plan.

THE ULTIMATE IN 4-INCH TELESCOPE... *Have it yourself at NO RISK!*

Here at last is the scientific instrument that serious astronomers have been waiting for—with a full warranty of highest accuracy at lowest cost!

Now you needn't spend \$150 and up to be sure of high-precision observation. Nor do you need go to the time and trouble of building your own telescope to get the most value for your money. For the dollar-and-cents facts about the new Deluxe 4-inch Dynascope are these: The advanced precision features are those you would want to select for yourself. But buying them singly, as an individual, you could never beat our low price. Nor could you hope to surpass the technical co-ordination and stability that have been engineered into this superb instrument to meet the most exacting standards of optical and mechanical superiority!

Fully achromatic, tested and proven by scientists in leading planetaria, the new Deluxe Dynascope comes to you complete with every part and feature exactly as described and illustrated here. Each instrument is carefully triple-tested before shipment and is accompanied by the Inspector's per-

formance report. Fully packed, it is ready to be set up for observation within a few seconds. Shipment is F.O.B. Hartford, Conn., express charges collect (weight 21 pounds). There is nothing else to buy, no added charges, no extras of any kind.

YOU WILL BE DELIGHTED—OR MONEY BACK!

Prove to yourself—without risk—how good the new Deluxe Dynascope really is. Order it now. Try it at your own pleasure. Compare its performance with that of any other professional telescope at double the cost or more. It will delight you and exceed your every expectation—or simply return it within 30 days for a full refund. But don't delay. As you know, quality engineering of precision instruments does not permit mass production. Consequently the supply is limited. To assure yourself of immediate delivery, send your check or money order today!

This Deluxe 4" Dynascope is now also available with semi-rotating saddle, chromed steel tripod, and Dyn-O-Matic Electric Drive as follows:

4" Deluxe with semi-rotating saddle, steel tripod (Model K-2B).....	\$89.95 FOB Hftd
4" Deluxe (Model K-2A) with above and Dyn-O-Matic Electric Drive.....	\$109.95 FOB Hftd

THE CRITERION MANUFACTURING COMPANY

Manufacturers of Quality Optical Instruments

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Every Electric DYNASCOPE[®] gives you exciting extra features at no extra cost!

NEW! DELUXE ELECTRIC 4-INCH DYNASCOPE

with heavy-duty mount and new Rotating Rings



A truly scientific instrument with all the features of our standard model plus extra advantages for even finer viewing. Larger and heavier mount (weighs over 12 lbs.) is full equatorial. Saddle has felt-lined rotating rings that permit tube to be quickly positioned for accessories or to bring eyepiece into more comfortable viewing position.

- EXQUISITE 4-INCH PARABOLIC PYREX MIRROR accurate to $\frac{1}{4}$ wave. For famed Dynascope optical superiority.
- NEW DYN-O-MATIC ELECTRIC DRIVE, totally enclosed, with self-acting clutch.
- TRUE EQUATORIAL AND ALTITUDE MOUNT with complete friction adjustments for any latitude, declination and ascension. Rugged cast-iron construction.
- 3 STANDARD $1\frac{1}{4}$ " EYEPIECES: 18-mm Huygens, 9-mm Achromatic Ramsden, 7-mm Achromatic Ramsden for 65X, 130X and 167X.
- 4X ACHROMATIC FINDERSCOPE with crosshairs, micrometer focusing and adjustable collimation.
- RACK AND PINION DOUBLE-DRAW EYEPIECE HOLDER for easy, exact adjustments. Accommodates any eyepiece, negative or positive.
- PROFESSIONAL-TYPE STEEL TRIPOD with fast-fold legs for easy portability. Extra stability in vibration-free design.

Model No. K-2A
COMPLETE FOR ONLY
\$109.95

F.O.B. Hartford, Shipp. Wt. 33 lbs. Exp. Chgs. Col. Available without Electric Drive for \$89.95
Model K-2B

Score another "first" for Criterion's engineering genius! Never before has any American manufacturer offered a 4-inch or 6-inch electrically driven reflector of comparable quality for less than \$200.

Even at these unprecedented low prices not a single feature of earlier DYNASCOPIES has been omitted. *Just the opposite!* These models are also improved in other important ways . . . with new mounts, new tripods, and other advances to increase your viewing pleasure. No wonder they are so enthusiastically recommended by so many outstanding authorities.

Whichever DYNASCOPE you select, you are sure of top quality at the most reasonable cost, including the superb optical system for which Criterion is so famous. Every feature is precision-finished to exacting professional standards. And our Unconditional Guarantee means exactly what it says! Your DYNASCOPE must live up to your expectations in every way or you may return it for full refund of the purchase price! Select the new DYNASCOPE you prefer and send your check or money order today. Or use our easy payment plan and take up to 24 months to pay.

NEW! SUPER DELUXE ELECTRIC 4-INCH DYNASCOPE

with features formerly found only in the finest reflector telescopes!



For those who want the ultimate in an electric-driven 4-inch reflector! This top-performing new DYNASCOPE is actually a 4-inch duplicate of our DeLuxe 6-inch model. You get such truly professional features as a 6 x 30 achromatic finder-scope, a fully rotating tube for more comfortable viewing and a superb optical system that includes five of our finest eyepieces—four achromatic and one orthoscopic. You won't find a finer 4-inch reflector anywhere!

WITH NEW DYN-O-MATIC ELECTRIC DRIVE

- HANDSOME STEEL AND GRAINED-HARDWOOD TRIPOD with special tapered shank ends. Includes spreaders and heavily reinforced joints. No danger of collapse, sidelay or wobble. Sets up quickly anywhere; folds easily and compactly for complete portability.

- EXQUISITE HAND-CORRECTED 4-INCH PARABOLIC MIRROR accurate to better than $\frac{1}{8}$ wave. Made of pyrex. Aluminized, overcoated, Triple tested. Mounted in removable cell.
- ADVANCED DESIGN EXTRA HEAVY-DUTY EQUATORIAL MOUNT

with oversize castings and fingertip control. Adjustable for latitude. Absolutely smooth action. Rotating base for easier orientation. • SETTING CIRCLES for both right ascension and declination assure faster location of specific object. • SLOW MOTION on declination.

• 5 SHARP-VIEW EYEPIECES: 18-mm Achromatic Ramsden, 12.7-mm Achromatic Ramsden, 9-mm Achromatic Ramsden, 7-mm Achromatic Ramsden and 6-mm Orthoscopic—for 65X, 100X, 130X, 167X and 220X. All precision threaded, standard $1\frac{1}{4}$ " diameter barrels. • NEW DYN-O-MATIC ELECTRIC DRIVE, with totally enclosed self-acting clutch. • 6 X 30 ACHROMATIC FINDERSCOPE with cross hairs and extra-firm twin post mounting. Micrometer focusing, coated achromatic objective. • FULLY ROTATING BAKELITE TUBE with double-thick wall for maximum strength. Polished rings of pure cast aluminum provide extra reinforcement for ends. Smart grey wrinkle finish.

Model No. RV-4
COMPLETE FOR ONLY
\$159.95

F.O.B. Hartford, Conn. Shipping Wt. 40 lbs. Express Chgs. Collect

DYN-O-MATIC Electric Drive Assures Effortless, Automatic Tracking!

This compact, vibration-free drive assures absolutely smooth, steady tracking. You have merely to center your object in the field of view and the drive takes over instantly. Self-acting clutch engages and disengages drive without pause as you seek different objects. Will not interfere with manual operation. Ideal for long viewing and group sessions. Entire drive completely enclosed in aluminum housing to eliminate dirt, moisture and accidental jamming by foreign objects. Plugs into ordinary household socket.

NEW! LIGHTWEIGHT ELECTRIC 6-INCH DYNASCOPE

With Setting Circles—New Addition to the DYNASCOPE Line!



This scientifically designed new Dynascope offers all the essential features for superior viewing at a cost within the reach of any serious amateur. Constructed of lifetime materials and engineered for maximum stability, yet is extremely light. And look at these other quality features in this exciting new instrument!

- f/8 6-INCH PARABOLIC MIRROR accurate to $\frac{1}{4}$ wave. Ground and polished to exacting specifications. Aluminized by vacuum-chamber process. Protected with layer of zircon quartz.
- NEW DYN-O-MATIC ELECTRIC DRIVE, totally enclosed, with self-acting clutch.
- 3 MATCHED EYEPIECES—75x, 150x, 343x. Powers can be tripled with Goodwin Barlow, other sizes available.
- 6 X 30 CROSSHAIR FINDERSCOPE. Fully Achromatic, with micrometer focusing.
- HEAVY-DUTY MOUNT with setting circles
- RACK-AND-PINION EYEPIECE HOLDER for smooth, accurate focusing.
- ROTATING TUBE for more comfortable viewing.
- STRONG LIGHTWEIGHT TRIPOD for sure, steady support.

Model No. RV-6
COMPLETE FOR ONLY
\$194.95

F.O.B. Hartford, Conn. Shipping Wt. 50 lbs. Express Chgs. Collect

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What the **FOUR INCH DynaScope**

owners are saying without our asking



The following are excerpts taken from a few of the many letters pouring in from Dynascope owners.

Letters are on file in our office and can be seen at any time.

I am enjoying the Dynascope very much. The other night I saw Abbires and the Great Spiral Nebula in Andromeda. It was certainly exciting seeing the wonderful colors of the double star.

J. S. M. Briarcliff Manor, N. Y.

I purchased parts to build a scope from ----- in --- ----- . When I got started I saw it would cost me about \$80 to complete the scope. I was bitterly disappointed later when I found the mirror was only an ordinary long focal length spherical mirror and the final instrument worthless. I ordered my Dynascope because your firm was recommended to me by a local astronomer. I am really thrilled with the Dynascope completely and you have restored my faith in people again. I thought I would let you know I appreciate your manner of doing business.

Ma yland

I received my Dynascope. I have used it six nights in a row since then and I am very pleased with its performance. My scope gives very clear and sharp images of the moon and other objects, both in the sky and ground. I am happy to be able to truthfully say that my Dynascope is worth the money that I spent.

R. J. L. Grandview, Wash.

I am sending this letter to tell you about the wonderful Dynascope that I bought from your Company. I am very glad because I never expected a telescope of this kind for this price with so marvelous quality. I have been looking at the venus planet and I saw his edge very clear without any coloration; I saw the stars too, with his central point very definite and surrounded with his circle of diffraction. I have been looking with a few friends that like Astronomy and they are enchanted with the Dynascope so you will have a few Cuban customers more. I can't find the right word to tell you about the sensation that the Dynascope produced among my friends.

G. R. G. Havana, Cuba

Epsilon Lyrae was quite easy, each tiny disc was sharp and round with the diffraction rings concentric and sharp. My scope split 2 seconds... Viewed Alpha Carpicorni, Split Polaris -- Separated Mizar; Hercules cluster (13M) was a beautiful and wonderful sight. The Dynascope has outperformed the ----- and ----- . I believe this is the scope I have been hunting for.

G. H. J. Albuquerque, N. M.

I received the Dynascope last evening, and after some small adjustments, was delighted with the results. Please be assured that we are very pleased with your product and will interest other Schools in it.

C. W. G., National City, Calif.

We received the Dynascope excellently packed and in good condition on Aug. 18. We have tried it and have had wonderful results. Results beyond our expectations.

G. S. K. Phila.. Penna.

(OVER)

I have been using my Dynascope for a month now. To begin with, the performance of my Dynascope is more than I expected. It's clarity and definition are superb. I have seen 4" scopes before and costing many more times the price of my scope, but none of these approach the resolving power of my scope, especially when it came to define Doubles and Triples and best of all color spectra. I realize of course your preknowledge of the Dynascope performance but I thought I would let you know how I felt about it.

L. V. J., Mosha, Wisc.

I have tested all kinds of scopes. When your scope arrived it was tested against _____, _____, _____, _____, which you know are all at least twice the cost of the Dynascope. The results were astounding. The Dynascope outperformed each one and I am enclosing a chart showing the results obtained on the various planets. This Dynascope is much better than you claim and I cannot understand how you manufacture it at such a low price. Many thanks.

H. K., Thompsonville, Conn.

I received your Dynascope and am glad to say since I got it a few months ago, I have had excellent results. For instance I've split Epsilon Lyrae with ease at 130X and have seen both caps on Mars plus markings that I can recognize on my maps. To add to this I also saw Saturn as I had never seen it before with the equatorial belt plain as daylight and Cassini's division as an added attraction.

P. S. D., Cleveland, Ohio

I have had the pleasure of testing rather closely one of your Dynascopes. Optically the telescope is magnificent, superior to many other instruments of like size. First the instrument was turned on the moon despite the heavy fog present this night and gave a surprising image. Next the Orion Nebula -- showing 4 stars in the trapezium -- despite heavy fog. The light gathering power is very superior. Then Riegel (167 power) had a round small disc, with proper airy diffraction rings for that power. Now Jupiter 5 belts -- despite the still heavy fog. And last Uranus. This small planet showed an appreciable, sharp disc in 167X -- Very good for only 4". I have had many years experience in astronomy and as a Junior leader here in _____ can always recommend Dynascope.

L. A. B., Decatur, Georgia

I seldom order by mail, preferring to examine before buying. About all that I can say about my Dynascope is that it far exceeds your description of it and my expectations. I spent two or three hours each clear night working on doubles, clusters, etc. Objects that equipment previously used would not handle with any satisfaction. Planetary observation is quite pleasing and satisfactory. Again many thanks for your prompt handling of my order and I also feel that you should be thanked for making such an excellent scope available at such low cost.

H. B. M., Greenville, S. Carolina

I received the Dynascope in perfect condition. It is everything you said it would be.

H. J. M., New Orleans, Louisiana

The Criterion Mfg. Co.

MONTHLY PAYMENTS	TIME PAYMENT PLAN			
	10.00	10.00	10.00	10.00
79.95	29.95	29.95	29.95	29.95
89.95	39.95	39.95	39.95	39.95
109.95	49.95	49.95	49.95	49.95
159.95	69.95	69.95	69.95	69.95
194.95	74.95	74.95	74.95	74.95
265.00	95.00	95.00	95.00	95.00
295.00	105.00	105.00	105.00	105.00
325.00	105.00	105.00	105.00	105.00
385.00	125.00	125.00	125.00	125.00
415.00	165.00	165.00	165.00	165.00
475.00	160.00	160.00	160.00	160.00
595.00	175.00	175.00	175.00	175.00
895.00	295.00	295.00	295.00	295.00
1265.00	565.00	565.00	565.00	565.00
Total Cash Price	10.00	10.00	10.00	10.00
Down Payment	12 Months	6 Months	6 Months	6 Months
	12 Months	12 Months	12 Months	12 Months
	24 Months	24 Months	24 Months	24 Months

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TO CHOOSE YOUR
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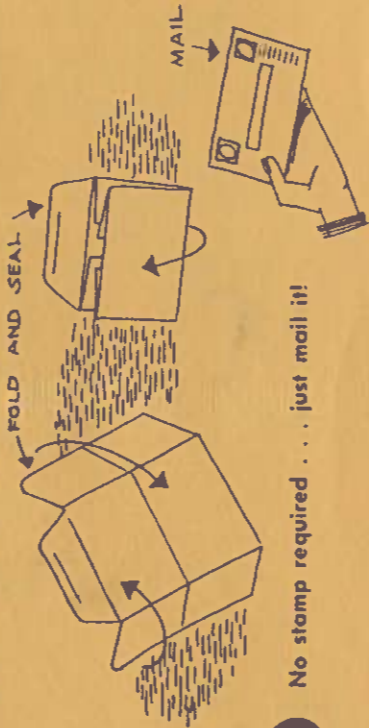
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THE CRITERION MFG. COMPANY
331 CHURCH STREET
HARTFORD 1, CONN.

How to use this Speedy Order Form

- 1 Fill in your complete order . . . and your name and address.
- 2 Fold and Seal as illustrated below. (Checks and money orders may be safely enclosed.)
- 3 No stamp required . . . just mail it!



(See Other Flap for Payment Chart)

TO DETERMINE YOUR MONTHLY PAYMENT . . .

- (a) Find the total cash price of your order in first column.
- (b) Your down payment will be in the second column.
- (c) Under column headed "Monthly Payments," you will find the proper payment for whichever monthly plan you choose, 6, 12 or 24 mos.
- (d) In event you are trading in another Dynascope, deduct amount of trade from down payment and remit the difference. Ship your Dynascope by Railway Express, express charges collect, from Hartford, Conn., and notice of shipping will be sent to you on day shipment is made.

NO POSTAGE NEEDED — MAIL THIS HANDY FORM TODAY!



Postage Will Be Paid by Addressee

No Postage Stamp Necessary If Mailed in the United States

BUSINESS REPLY ENVELOPE
FIRST CLASS PERMIT NO. 1495, HARTFORD, CONN.

THE CRITERION MFG. COMPANY
331 CHURCH STREET
HARTFORD 1, CONN.

Use this handy Postage-Free reply envelope for your order.

You may order in any of three ways:

- A** Cash Plan — Total price with order
- B** Easy Payment Plan with full down payment and balance in either 6, 12 or 24 months
- C** Easy Payment Plan with 1/2 of down payment with order, 1/2 of down payment when order is ready, and balance in 6, 12 or 24 months
This plan applies only to purchases over \$200.00

Please ship me Dynascope Model _____ Priced at \$ _____

Please check your choice of these payment plans:

- CASH PLAN** . . . I enclose my (check, money order) for \$ _____ as payment in full.
- EASY PAYMENT PLAN B** . . . I enclose \$ _____ as my full down payment. I agree to pay the balance of \$ _____ in 6 12 24 equal monthly installments of \$ _____ each beginning one month after delivery of my Dynascope.
Check One
- EASY PAYMENT PLAN C WITH 1/2 DOWN PAYMENT** . . . I enclose \$ _____ as one-half of my \$ _____ Down Payment as initial deposit on my new Dynascope and agree to pay the remainder of Down Payment \$ _____ when telescope is delivered. I further agree to pay the balance of \$ _____ in 6 12 24 equal monthly installments of \$ _____ each beginning one month after delivery.
Check One

NOTE: If payment is made in full within 60 days, no interest or carrying charges will be added.

MY NAME _____
Print — do not write

ADDRESS _____
CITY, STATE _____ PHONE _____

FILL IN THIS INFORMATION ONLY IF ORDER IS MADE ON TIME PAYMENT PLAN.

Have Lived Here Since _____ Own Home, Rent, Board _____
Married _____ Single _____ No. of Dependents _____
Employed by _____ Since _____
Employer's Address _____
My Occupation _____ My Average Monthly Income _____
Previous Employer _____ How Long? _____
The Bank I do Business with is _____
Two Credit References (Stores, etc.) _____

Name and Address of Nearest Relative or friend _____
Date _____ My Signature _____

If Under 21 — Signature of Parent or Guardian _____

THE ABOVE INFORMATION WILL BE HELD
STRICTLY CONFIDENTIAL

Until the goods are fully paid for, title and right of possession shall remain with you. I will not sell, remove or encumber them without your consent, and I will be responsible for any loss or damage to them. Should I fail to make any payment when due, you may retake custody of the goods at any time after such default, or you may hold the above-signed jointly and severally for the full unpaid balance, which shall then become due and payable.

This Flap is Gunned, Ready to Seal
 NO STAMP OR ENVELOPE NECESSARY
 Just Fold, Seal and Mail
 (Direct-Mailer) T.M. Reg. U.S. Pat. Off. Rand. Direct Mailer Co., Inc., N.Y.C. 11

USE THIS CONVENIENT ORDER FORM

THE CRITERION MFG. COMPANY

331 CHURCH STREET Date _____
HARTFORD 1, CONN.

Gentlemen:
I enclose _____ (check, cash, money order). Please ship me as soon as possible; express charges collect:

- _____ 3 inch Dynascope, Complete with 2 Eyepieces, Equatorial Mount and Tripod \$29.95
- _____ 4 inch Dynascope, Complete with Finder, 3 Eyepieces, Model K Mount and Tripod \$49.95
- _____ 4 inch Deluxe Dynascope, Complete with Finder, 3 Eyepieces, Model K2 Mount, Tripod, etc. \$79.95

It is fully understood that the Dynascope is being sent me on a Money Back Guarantee and I can return it for full refund if I am not fully satisfied with it.

NAME _____
STREET & NO. _____
STATE _____ CITY _____