

# MARK 218 TELESCOPE

22 POWER TELESCOPE **IMMEDIATE DELIVERY**

THE OUTSTANDING HIT WITH  
SPORTSMEN EVERYWHERE



## HERE'S WHY:

**LIGHT**—Aluminum alloy construction. Weighs less than one pound.

**COMPACT**—1 3/4" diameter; 12 1/2" long.

**POWERFUL**—Full 22 power color corrected achromatic lenses made to ultra-precise specifications. Highly recommended for long-range observation.

**CLEAR**—Guaranteed to spot .22 holes at 200 yards and to see the moons of Jupiter.

**BRIGHT**—40mm. achromatic objective with the new magnesium fluoride hard coating for greater brilliance.

**WIDE FIELD**—8 foot flat field at 100 yards.

**ROUNDED EYEPIECE**—Permits use of glasses and goggles.

**EASY TO USE**—Instant yet accurate spiral thread focussing eyepiece and elimination of all draw tubes.

**BIG VALUE**—Only \$22.50 for the telescope. Compact, adjustable tripod also available at \$4.75.

See it at your local dealer or order from

## BROWNSCOPE CO.

Dept. C

24 West 45th Street

New York 19, N. Y.

## HOW TO ORDER

When you order simply write or print:

1. *Your name and address.*
2. *What you are ordering.*
3. *The amount of the remittance you are enclosing.*

## USED INSTRUMENT DEPARTMENT

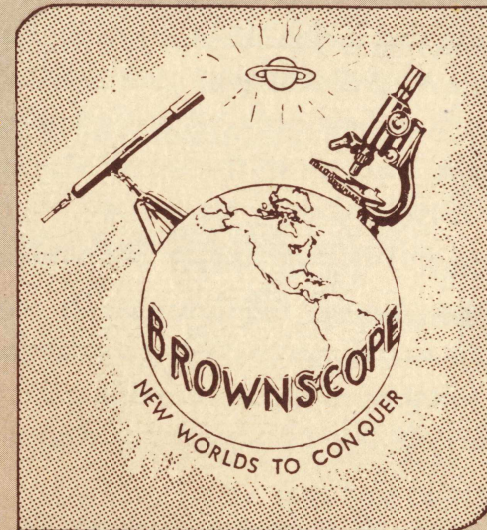
We buy, sell, and repair used optical instruments. Write us and join our long list of satisfied customers. No charge for appraisals, estimates, or price lists.

## A FEW BROWNSCOPE "FIRSTS"

- 1932—Introduced and popularized high-powered, low-priced telescopes.
- 1934—Furnished an impetus to amateur microscopy by producing high-powered microscopes priced within the reach of all.
- 1936—Created many new amateur astronomers by supplying sets of completely finished lenses ready for mounting as astronomical telescopes.
- 1937—Originated a line of variable-power telescopes which provided the user with a wide variety of magnifications and fields of view in a single instrument.
- 1942 to 1945—Converted 100% to winning the war. During this period 21 new military instruments were invented for, and assigned to, the U.S. Army without charge.
- 1946—Resumed serving the public with the world's best optical values.

*Amazing*

## —OPTICAL VALUES



**MB**

**TELESCOPES**

**BINOCULARS**

**MICROSCOPES**

*The* **BROWNSCOPE**  
**MANUFACTURING COMPANY**  
24 WEST 45th STREET, NEW YORK, N. Y.

BEST OPTICAL VALUES

This is a list of the world's best optical values. Compare these instruments with others and you will understand why Brownscope has maintained leadership in the optical field for many years. Our success rests on our policy of giving our customers the most for their money — superior instruments at lower prices. Look over the items shown in this booklet, and remember — unlike most things there is no cost of upkeep of optical instruments.

Microscopes reveal the fascinating wonders of the invisible world existing all around us. Binoculars and telescopes bring distant objects close, and also reveal the awe-inspiring wonders of the heavens.

Astronomy and microscopy are the most fascinating of hobbies. The telescope and microscope transport you to strange lands full of amazing sights. The boundaries are limitless and the pathways full of adventure. You need no expensive ticket or heavy baggage for your journey. All you need is a Brownscope.

BULLETIN 4906

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**MB**

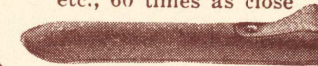


# Brownscope 60 Power Telescope

**MOST POWERFUL MADE FOR ANYWHERE  
NEAR THE MONEY. Now you can own a genuine**

**HIGH POWERED TELESCOPE**

Only \$4.50 for this amazing telescope guaranteed to bring distant objects, people, moon, stars, ships, sports events, etc., 60 times as close



Leather Case Included

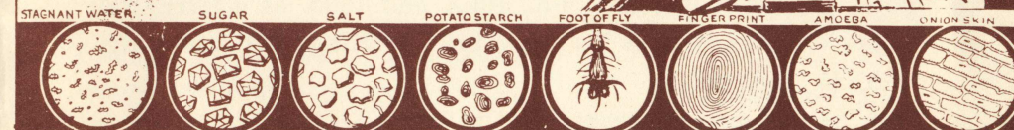
**\$4.50**

**Three  
Telescopes  
and a Microscope  
combined in one instrument**

Has the new variable eyepiece giving three different powers: 15, 30, and 60 times. The 15 power setting is for ultra-bright images while the 30 and 60 power settings are for extra long range 5 sections. Approx. 3 ft. long. Closes to less than 1 ft. Has 4 powerful ground and polished lenses. When collapsed it makes a *powerful compound microscope* adjustable to 3 different magnifications. See the wonders of the world. Complete directions included.

**ALUMINUM TUBES  
LENGTH OPEN 33"  
CLOSED 11"**

Used as a  
Microscope

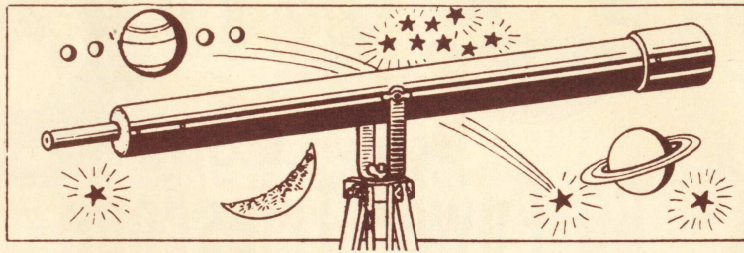


**Special Price \$4.50**

**WE PAY THE POSTAGE**

**We Suggest Postal Money Orders for Convenience and Safety.**

**BROWNSCOPE TELESCOPES**



MAKE YOUR OWN HIGH POWERED TELESCOPE  
WITH THIS BROWNSCOPE TELESCOPE KIT

**250 POWER**

**COMPLETE LENS SET only \$2.50**

Contains 3" diameter 75" focal length ground and polished objective lens and eyepieces.

Here is your chance to own a real high powered telescope. See the mountains and craters on the moon, the ringed planet Saturn, the moons of Jupiter, distant ships, people, and hundreds of other interesting sights. Make your own high powered telescope in one evening of easy work. All optical parts for 6 ft. long refracting telescope completely finished. Merely mount in metal or cardboard tubes. Set consists of 3 inch diameter 75 inch focal length ground and polished objective lens and all eyepiece lenses needed to give magnifications of 50X, 100X, 150X, 200X, and 250X as an astronomical telescope, and 50X, 100X and 150X as a terrestrial telescope. Complete lens set with full directions for mounting, only \$2.50 postpaid.

**Conquer Space, Explore the  
Universe with this Magic Eye**



**POCKET TELESCOPE**

achromatic

**THE PENSCOPE**

**Precision pocket telescope!**

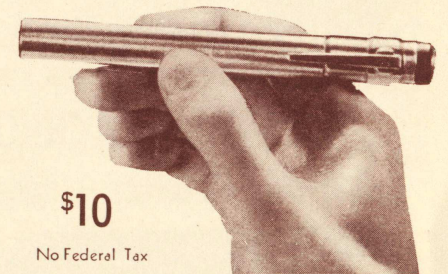
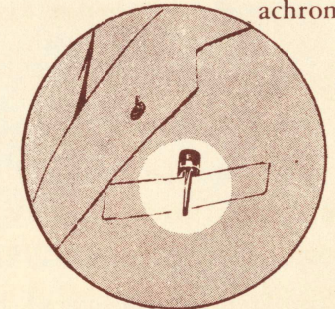
The PENSCOPE contains six high-precision lenses, combined into a perfectly-corrected terrestrial telescope system of unsurpassed optical performance.

The images seen through it are sharp and clear to the extreme margins of the field, which covers a width of 315 feet at 1000 yards distance.

The new PENSCOPE magnifies distant views by six times, with the wide, brilliant field and optical excellence of fine binoculars, yet is as compact and easily carried as a fountain pen!

Carry it with you, always ready for use when needed — at sports events, the theatre and night-club, and when traveling and sightseeing.

Finished in satin chrome, lenses anti-reflection coated.



**\$10**

No Federal Tax

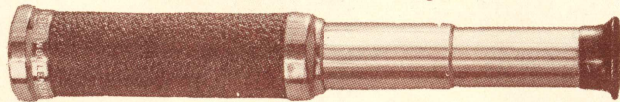
Distributed by  
**BROWNSCOPE MFG. CO.**  
24 WEST 45th STREET • NEW YORK 19, N. Y.

**Six precision polished lenses**  
**Fully Guaranteed** **Wide brilliant Field 315 ft at 1000 yds**  
**\$10.00** **Coated lenses - eliminate Reflection Losses**



**8X EXPLORER TELESCOPE**

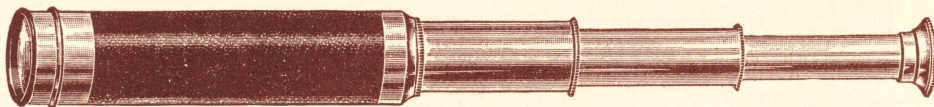
**8 POWER — 5 LENSES — \$7.50**



An inexpensive but powerful little achromatic telescope popular everywhere on hiking, camping, fishing and hunting trips. Furnished in genuine leather case. Diameter Objective Lens,  $\frac{1\frac{3}{8}}{16}$  inches; field of view at 1000 yards, 50 yards. Length,  $4\frac{3}{4}$  inches; open,  $9\frac{1}{4}$  inches; weight, 6 oz. Genuine vulcanized fibre body of deep Morocco grain and chrome-plated draw tubes.

**POWERFUL ACHROMATIC POCKET TELESCOPE**

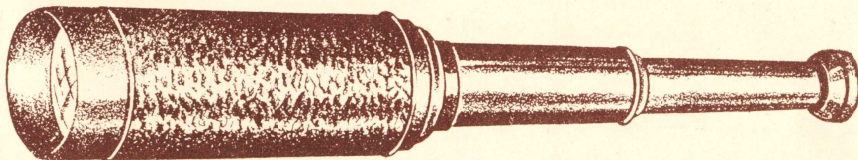
**12 $\frac{1}{2}$  POWER — 6 LENSES — 4 HIGHLY POLISHED BRASS TUBES — \$14.50**



This powerful but compact telescope is only  $5\frac{1}{2}$  inches long when closed and easily carried in the pocket. The achromatic optical system is highly corrected for needle sharp images. All lenses are precisely mounted in individual cells. All parts may be unscrewed for easy cleaning. Dust caps are provided at both ends of the telescope. This precision instrument is the ideal pocket companion when hunting, hiking, fishing, touring, boating, studying birds, at sports events, etc. Only \$14.50.

**30 POWER ACHROMATIC TELESCOPE**

**LENGTH OPEN 26 INCHES — LENGTH CLOSED 11 INCHES — \$29.50**



A large high powered 6 lens telescope with 2 inch diameter achromatic objective lens. Brass tubes, black enameled. Main section covered with genuine leather. The large size lenses provide maximum illumination and field. Designed for long range observation, the rifle range, astronomy, etc.

**MB**

**The Improved 15x40 Vari-Power Telescope**

The Vari-Power is more than *one* telescope. It is six in one. There are magnifications of 15, 20, 25, 30, 35 and 40.

15X—for nearby objects at wide angle.

20X—for target spotting scope.

30X—for long distance terrestrial view.

40X—for celestial and astronomical observation.

Length  
Extended  
26 $\frac{3}{4}$ "

**All complete in one telescope!**

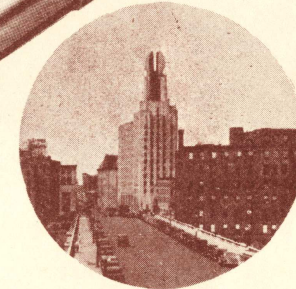
**40 POWER**

**COATED OPTICS**

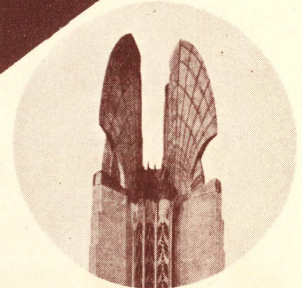


\$27.50

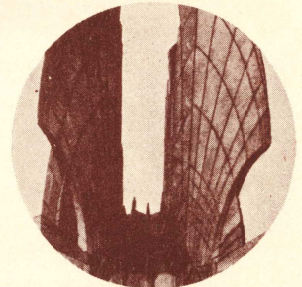
*Including Leather Carrying Case*



*View seen with the naked eye*



*As seen with 10 power*



*As seen with 20 power*

1. Images equally sharp and clear at all powers.
2. Power tube graduated in click stops with intermediate markings permitting instant automatic fixing of selected power—no guesswork.
3. All five lenses in the eyepiece and achromatic objective—12 surfaces in all—are WOCOTED for greater brilliance of image and elimination of disturbing reflections and flare.
4. Knurled ring on eyepiece draw-tube makes focusing easy and fast.
5. Chrome plated tubes, rust-proof and attractive.

Varying from 15X to 40X. For ordinary use you'll probably set it at 20X. On dull days or for mirage you may prefer 15 power—more light, less "shimmy." On a 200-yard range you may use 35 or 40 power. At 20 power the Scope shows a 22 bullet hole sharply at 100 yards; with 40 power at 200 yards.

Price, with leather case—\$27.50.

**WE PAY THE POSTAGE**



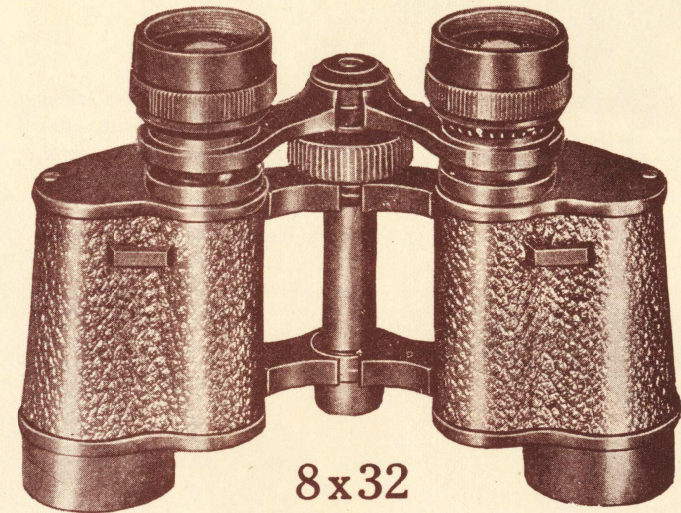
BROWNSCOPE  
ACHROMATIC

The Brownscope field glass is an ideal glass for the races, boxing matches, baseball and football games. It is also highly recommended for bird study. 40mm. achromatic objective lenses, special lightweight aluminum alloy frame. Bodies covered with morocco grained leather. Mountings black enameled. Complete in genuine cowhide case with neck and shoulder straps.

- 
- |                 |       |         |
|-----------------|-------|---------|
| 4 POWER — 40mm. | . . . | \$15.50 |
| 5 POWER — 40mm. | . . . | \$19.50 |
- 

NOTE: A Federal tax of 20% must be added to the price of all binoculars. There is no tax on other items.

**FEATHER WEIGHT  
8-Power Prism Binocular**



8x32

**LONG RANGE BINOCULAR**

Designed to meet the popular demand for a high powered lightweight binocular. Constructed of special lightweight aluminum alloy, these glasses are as rigid as steel, though weighing only 16 oz. The superb workmanship, combined with perfectly matched lenses, and a beautiful appearance make it a remarkable value. These binoculars have achromatic eyepiece lenses as well as achromatic objective lenses, a feature found only in the most expensive binoculars. This fine glass is unexcelled for hunting, sports, marine use, and long range work.

Try this glass at no risk. Your money will be promptly refunded if you are not perfectly satisfied in 5 days' trial. We are confident that once you have used this unusually fine glass you will never want to part with it.

**8x32**

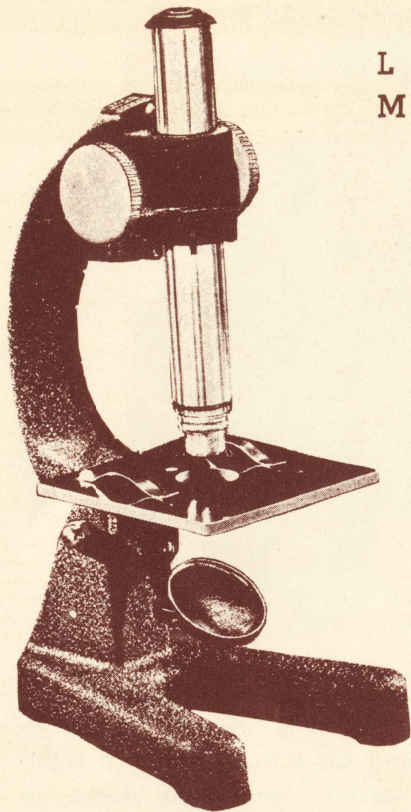
*Including Leather Carrying Case*

**\$35.00**

plus 20% Federal tax.

With  
COATED  
Lenses & Prisms  
39.50

L A B O R A T O R Y  
M I C R O S C O P E



An ideal microscope for school, laboratory and home use, offering the physician and student the advantages of a fine instrument moderately priced. The magnifications are within sufficient range for the average microscopic work.

\$16.50

WE PAY THE POSTAGE

This is the outstanding microscope buy we have ever been privileged to offer. Superior to any of our prewar instruments, it is a professional size microscope priced within the reach of the amateur. It has color corrected achromatic objective lenses. Eyepieces and objective are standard professional size, and are interchangeable with all well known makes, such as Bausch & Lomb, Spencer, Zeiss, Leitz, etc. Sold with the Brownscope money back guarantee.

SPECIFICATIONS:

Height .....	14 inches	Focussing .....	two wheels
Weight .....	5¼ pounds	Size of Stage .....	4" x 4"
Base Length .....	6 inches	Body .....	tilts any angle

CHOICE OF MAGNIFICATIONS:

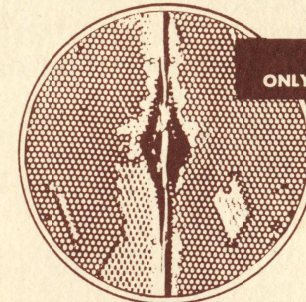
Price complete with 75 power optics .....	\$16.50
Price complete with 75 and 300 power optics .....	\$19.50

THE *New* TESTA MODEL F MICROSCOPE

A FULL Standard Size Professional Microscope with unusually brilliant large field, superior mechanical design and high resolving power from 100x to 600x.

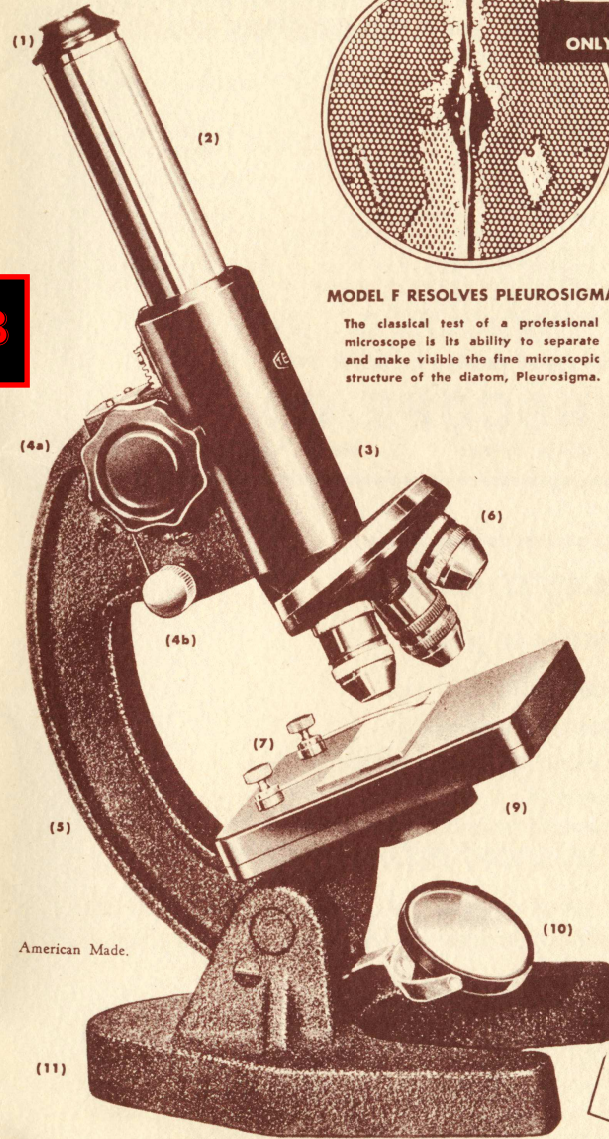
\$89.00

SPECIAL FEATURES USUALLY FOUND ONLY IN MUCH HIGHER-PRICED INSTRUMENTS



MODEL F RESOLVES PLEUROSIGMA

The classical test of a professional microscope is its ability to separate and make visible the fine microscopic structure of the diatom, Pleurosigma.



- (1) Huygenian Eyepiece, Standard Diameter. (12x furnished.)
- (2) 160mm Standard Tube Length. Polished chrome drawtube, to obtain any intermediate degree of magnification.
- (3) Dovetailed Barrel for stability of field.
- (4) [a] Rack and Pinion Coarse Adjustment and [b] Slow-Motion Fine Adjustment, in two separate dovetail guides. 2 adjustment knobs on either side.
- (5) Dural Arm can be inclined for convenience of observation.
- (6) Triple Nosepiece with 16, 8, and 4mm Achromatic Objectives, providing crisp, clear magnification from 100x to 600x. Standard objective thread. Parfocal working distances.
- (7) Removable Spring Clips to hold slide firmly.
- (8) Large, heavy, acid-proof, scratch-resistant stage, with condenser lens.
- (9) Iris Diaphragm for efficient illumination control.
- (10) Large 3-Motion Double Mirror, concave and plane on opposite sides.
- (11) Solid Cast Base to provide weight and stability.

Finest Precision  
Achromatic Lens System  
Heavily Chrome Plated Parts  
and Black Satin Finish  
Every Moving Part Can  
Be Compensated for Wear

The Testa F Microscope is the lowest-priced quality microscope with all these special features!

NEW MODEL F  
ONLY \$89.00

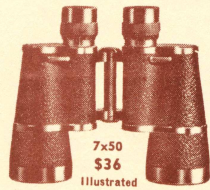
Complete with 44 page Instruction Manual and specimen slide.

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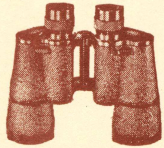
## OUTSTANDING PRISM BINOCULAR VALUES

Brand new top quality prism binoculars at amazingly low prices. All binoculars listed have fully corrected achromatic oculars and objectives. Each binocular is carefully checked both optically and mechanically and we guarantee its safe arrival in perfect condition.



7x50  
\$36  
Illustrated

7x50 high quality imported glasses made to rigid military specifications. Aluminum body, leather covered. Lifetime construction. Weight 39 ounces. Wide, brilliant undistorted field of view. Highest quality optics, sealed against moisture and dust.

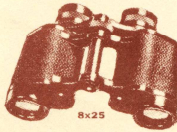


10x50 MILITARY

	IND. FOCUS		CENTER FOCUS	
	regular	coated	regular	coated
With leather neck strap.....	\$36	\$46	\$46	\$56
With case and straps.....	40	50	50	60
With finest leather case & straps.....	44	54	54	64

10x50 wide angle, military design. Ind. focus. Unusually fine optics. Sealed against moisture and dust. Weight 40 ounces. Aluminum body.

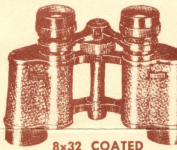
With neck strap—\$47. With case and straps—\$51. With finest case—\$55. If coated optics are desired add \$10 to the price.



8x25

8x25 featherweight. Weight only 12 ounces. Center focus. Achromatic oculars and objectives. Magnesium body. Leather case and straps .....\$28.

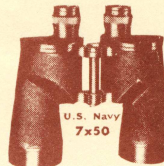
8x32 Brownscope lightweight binoculars. Center focus. Aluminum body. Coated lenses and prisms. Weight 16 oz. With leather case .....\$39.50.



8x32 COATED

7x50 official U. S. Navy binoculars. Coated optics. Ind. Focus. Aluminum body. Weight 48 ounces. With Polaroid filters, case & straps .....\$85.

6x30 U. S. Army, Bausch & Lomb design. Coated optics. Ind. focus. Aluminum body. Weight 22 ounces. Leather case and straps .....\$48.



U. S. Navy  
7x50

6x30 German featherweight, Magnesium body. Center focus. Weatherproof construction. Weight 15 ounces. Leather case and straps .....\$37.50.

6x30 Steinheil featherweight, famous German binocular. Highest quality. Center focus. Magnesium body. Coated optics. 15 ounces. Case & straps .....\$52.

7x35 wide angle, lightweight binoculars. Center focus. Aluminum body. Weight 17 ounces. Coated optics. With leather case and straps .....\$44.

12x35 Stereor long range binoculars. Center focus. Aluminum body. Weight 22 ounces. Large size oculars. Leather case and straps .....\$55.

6x50 achromatic field glass. Not prismatic. Uses same objective lenses as U. S. Navy 7x50 glasses. Wt. 18 oz. ....\$16.

A Federal tax of 20% must be added to the price of all binoculars.

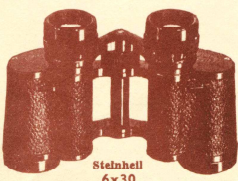
IMMEDIATE DELIVERY—WE PAY THE SHIPPING COST



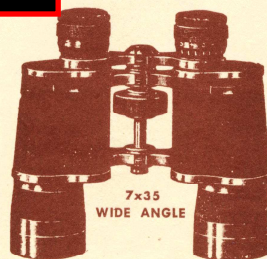
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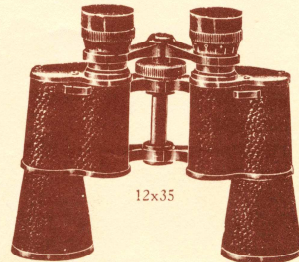
6x30 GERMAN  
FEATHERWEIGHT



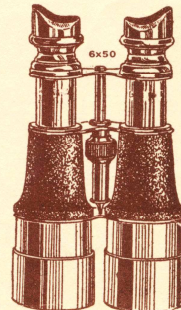
Steinheil  
6x30



7x35  
WIDE ANGLE

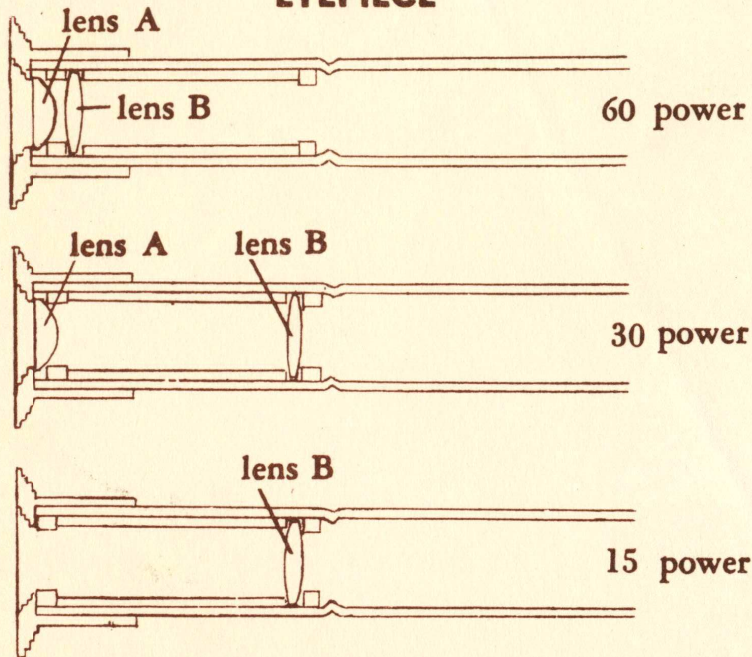


12x35



6x50

## EYEPIECE



## IMPORTANT

### DIRECTIONS FOR USING

### THE BROWNSCOPE 15X — 30X — 60X TELESCOPE



To use the telescope, extend it to its **FULL** length and place the small end to the eye. Then focus the telescope by moving the small end in and out **SLOWLY** until the object viewed shows up clearly. Sometimes the user does not get a clear image and thinks the telescope is defective, when actually the fault lies in his failure to focus carefully. It is a good idea to focus with a twisting motion as if the small section were threaded like a screw. The telescope comes to you set at 30 power and ready for use. For general observation you will find that 15 power is ample and easiest to use. At the tremendous mag-

nification of 60 power the telescope is difficult to focus, must be steadied against a convenient support, and because of the reduced light transmission can be used only on brightly illuminated subjects. It is important that you learn to use the telescope properly at 15 and 30 power before attempting 60 power. To change the magnification of the telescope twist off the black eyepiece cap and arrange the lenses as shown in the drawing. Lens A can be distinguished from Lens B by the fact that it is thicker at the center than Lens B. Lens A is used for 30 and 60 power but is removed from the telescope for 15 power.

Price of lens A—65c, lens B—65c, objective lens—85c.

### TO USE AS A MICROSCOPE

First collapse the tubes fully and place the objective or large lens over the subject to be examined, tilting the instrument at an angle of about 45 degrees so as to permit the light to illuminate the subject and then slowly move the small tube out until the subject is clearly defined.

### LOCATION OF LENSES

