

AMAZING NEW IMPORT
TERRESTRIAL & ASTRONOMIC TELESCOPE

83 POWER—40 POWER or 23 POWER PLUS A TERRESTRIAL TELESCOPE

Look what you get at this Low Price PLUS a Money Back Guarantee & a 10 Day FREE Trial! You can't lose unless you miss this!

- 1—Astronomical LENSES—Three of 23X, 40X and 83X magnification. Achromatic & precision ground.
- 2—Variable Power LENS of 25 & 60X for straight through viewing. Fully corrected for Terrestrial sighting.
- 3—BODY—Steel for a lifetime of use.
- 4—LENGTH—19-1/2", 22-1/2" extended.
- 5—Objective LENS—Coated large 50mm.
- 6—Top Quality SUN FILTER
- 7—One Diagonal PRISM
- 8—4 Power x 10mm Searching Scope with cross hair reticle.
- 9—ADJUSTMENTS—Both free-swinging and universal with lock for positioning.
- 10—Hardwood TRIPOD—Two section type, 30" folded, 4-1/2 ft. extended.
- 11—Fitted Hardwood CASE for all parts.

7995 WITH TRIPOD

DISCOVER THE STARS

FREE BOOK ON STARS—Tells you all about the stars and the constellations—Where to find them at different times—How to identify them and many other intriguing facts on astronomy.

EXTRA 100X EYEPIECE 750 125X EYEPIECE 995

83 and 40 POWER ASTRONOMIC SCOPE

Very similar to scope above but has 83X & 40X eyepieces with a 40MM objective lens. Also has a variable eyepiece of 25-30X. Steel tube body is 26" long. Included with scope is sunglasses, a pair of prisms (1 erecting), a hardwood tripod and a fitted case.

Only 4995

NEW NAVY 6 POWER SCOPE

A remarkable Navy Surplus Bargain. Originally designed as an Azimuth Telescope which mounted above the Gyro Compass, Has approx. 6 POWER. Finest Quality fully coated lenses. Crosshair reticle. Adjustable eyepieces. A Sun filter and a Haze filter. New cond. Cost Gov't \$150.00

2495

NEW COMBINATION 4-6 OR 10X EYE LOUPE

The newest in Eye Loupes. A 2-piece, 10X precision unit with a 6X lens that screws on to a 4X base lens. Can be used as a 4X, 6X or 10X magnifier.

125

10 POWER NAVY SPYGLASS

4500 VAL.

Here's a real optical bargain. Manufactured by Wollensak for the U.S. Navy, Bureau of Ships. A 10 POWER 'Officer of the Deck' Spyglass. Has top quality, fully coated, precision ground lenses. Adjustable eyepiece. Overall lgh., 22". Comes in a hardwood case with brass hinges and locks.

2275

SPYGLASS—Same as above but ALL NEW—2995

25 POWER x 30 MM TELESCOPE & TRIPOD

Nowhere but at PALLEY'S can you find a buy like this! Here's a scope, complete with a sturdy metal tripod, that you can have a lot of fun with. Use it to spot hits on the target, for star-gazing, interesting views at the beach, etc. Made of aluminum and chrome plated brass. Field: 62 ft. at 1000 yds. 1-3/16" dia. lens.

895

2500 VAL.

SAVE ON GOV'T SURPLUS LENSES

NEW EASTMAN 178MM AERO EKTAR f/2.5 CAMERA LENS WITH 7" FOCAL LGTH.

Originally designed for use on the K-21 and K-24 Aerial Cameras. A genuine EASTMAN AERO EKTAR, 178mm lens. Has f-stops from 2.5 to 16. Focal length is 7". This amazing lens is NEW—in original condition. Guaranteed perfect condition. Excellent for Color or Black & White. Exceptionally fine for night work or in poor light conditions. Comes with 2 filters—1 Polarized for haze, etc., and one yellow. Also included is a filter adapter, a lens heater for high altitudes and a lens dust cap. Can be adapted to 35mm or Speed Graphic Cameras as a telephoto lens.

6950 2000 VAL.

SPEED GRAPHIC ADAPTERS for above lens—Includes Lens Board, Extension Tube and Bed Support.

2-1/4 x 3-1/4" 2175 3-1/4 x 4-1/4" 1875

4 x 5" 1475

35 MM ADAPTERS FOR ABOVE LENS—Complete—no other parts to buy. Will focus from 8 ft. to infinity—setting marked on the mount.

LEICA—CONTAX S&D—EXACTA... 8950

CONTAX 2A... \$109.50 HASSALBAD... \$139.50

AMAZING NEW DESIGN 60 to 600 POWER—2 EYEPIECE SPECIAL MICROSCOPE

HAS 60-120-200-300-400 & 600 POWER MAGNIFICATION WITH ILLUMINATED SUB-STAGE MIRROR and TRIPLE TURRET

Now you can change magnification with a simple shift of the dual eyepiece turret. No loss of focus—No re-adjustments—Your choice of 6X or 20X eyepiece with any of the objective lenses instantly!

INCLUDES THESE ADDED FEATURES:

- Has triple revolving turret with 10X, 20X, & 30X precision ground and polished lenses—Dual eyepiece turret with 6X and 20X lenses—New Patented Sub-Stage with a built-in, battery operated light, no external light source needed—A large sub-stage mirror with revolving variable iris—All-metal precision made body, inclines through 90°—Special fitted hardwood case and glass slides. Ideal Xmas Gift!

NEWLY DEVELOPED IMPORT

SPECIAL \$1695

NEW 9" NAVY PROJECTOR LENS

Originally used as a Motion Picture Projector Lens. Contains the very finest coated, optical lens in a precision machined, stainless steel barrel. Has a 9" focal length. Lens diameter is 1 1/2". Ideal for use on a 35mm Slide Projector or for larger 2 1/4" x 2 1/4" to 4" x 5" transparencies.

1595

MICROSCOPE SUB-STAGE CONDENSER

4500 VAL. ONLY 1250

Made by Bausch & Lomb. Contains two precision, optical lenses that alone are worth much more than this low price. Objective lens is an Abbe 1.25 N.A. Has an iris diaphragm. Adaptable to use in photomicrography or as reduction lens.

AMAZING NEW DESIGN MICROSCOPE 60 to 450 POWER

Take advantage of our tremendous foreign purchase. Ideal for use by the Amateur, Scientist, Student.

- 1—Has Triple Revolving Turret with 10X, 20X and 30X precision ground and polished lenses.
- 2—Two interchangeable eyepieces of 6X and 15X with precision ground and polished lenses.
- 3—SIX MAGNIFICATIONS for all purposes—60X, 120X, 150X, 180X, 300X and 450X.
- 4—New Patented Sub-Stage with SELF-CONTAINED LIGHT. No external light source is needed.
- 5—Large sub-stage mirror for use with external light when desirable.
- 6—All Metal Body—precision made. Inclines through 90 degrees.
- 7—Special hardwood case and 3 glass slides included.

FREE WITH MICROSCOPE This eight piece dissecting set contains Scalpel, Tweezers, etc. Free with microscope above.

1295

HAS 60, 120, 150, 180, 300 and 450 POWER MAGNIFICATION

10" f/4.5 EYMAX TELEPHOTO LENS

Made by Bell & Howell for the Eymo Camera but easily adapted to any single-lens camera with a 25mm (or larger) lens diameter. Has f-stops from 4.5 to 22. Focal length is 10" (254mm). Makes a terrific telephoto lens for all cameras up to 5" x 7" size. Overall length 10". Comes with built-in sunshade. ALL NEW! Guaranteed perfect!

6750

SAVE PALLEY 100-200-300X BUY MICROSCOPE NOW

Perfect GIFT for STUDENT—AMATEUR SCIENTIST

A triple revolving, objective lens turret allows selection of 100, 200 or 300 POWER magnification. Has fine, ground and polished lenses and ALL METAL construction. This instrument is NOT A TOY! Right or left hand rack & pinions make smooth, precise adjustments. Body inclines 90°.

795

WAS 1295 NOW

NEW ILLUMINATED MAGNIFIER

Provides 5 POWER magnification with brilliant illumination for precise inspection of any substance, material or specimen. The head contains a 50 MM lens and has internal calibrated scale to show relative size of subject. Body is nickel plated metal and holds 2 flashlight batteries. Head is molded bakelite. Takes a regular flashlight bulb.

1295 VALUE

ONLY 495

LARGEST FIRM OF ITS TYPE IN THE WORLD

4 SPEED BARBECUE and HOBBY MOTOR

A rugged, precision built electric motor—uses 110 Volt, 60 cycle current. Originally built for the Navy—NOW converted for YOU! Has four take-off shafts for different speeds of 5, 25, 150 and 4000 RPM. A \$35.00 Value

895

ORDER FROM THIS AD—Pay by Money Order or Check. P.O.s accepted from well rated D&B firms. 1/2 deposit with all C.O.D.s. Prices are F.O.B. our warehouse in Los Angeles, California

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NATURAL RESOURCES
Desert Water Saved by Whales

► MILLIONS OF GALLONS of water will be saved during the Australian hot summer—November to March—in the arid areas by whales.

The Commonwealth Scientific and Industrial Research Organization has found a way of cutting down water evaporation.

Cetyl alcohol, a chemical extracted from whale oil, is used to lay a film over the surface of water. It restricts the water escaping to the air, but does not stop oxygen entering the water and keeping it fresh.

Cetyl alcohol is invisible and tasteless, and will be used freely in dams and reservoirs. It is harmless to animal life.

In ideal laboratory conditions the chemical cuts evaporation by 80%. Trials over the past two years in dams and reservoirs have shown a saving of between 20% and 70%.

Much of Australia's pastoral belt has a normal water evaporation rate of eight feet a year—often more than a year's rainfall. Scientists have been working to beat evaporation for the last 16 years.

Science News Letter, December 8, 1956

QUICKLY SELLS TWO SHORT STORIES

"I sold two short stories which paid for my N.I.A. Course and a typewriter. But nothing can pay for the help N.I.A. training has given me. Those regular assignments have produced results."—Samuel K. Ward, 364 W. 26th St., New York, N. Y.

To People who want to write but can't get started

DO YOU have that constant urge to write but fear that a beginner hasn't a chance? Here is what a famous editor said: "There is more room for newcomers in writing than ever before. Some of the greatest of writing men and women have passed from the scene. Who will take their places? Fame, riches and the happiness of achievement await the new men and women of power."

A Chance to Test Yourself—Free

The Newspaper Institute of America offers a FREE Writing Aptitude Test. Its object is to discover more men and women who can add to their income by fiction and article writing. The Writing Aptitude Test is a simple but expert analysis of your latent ability, your powers of imagination, logic, etc. Those who pass this test are qualified to take the famous N. I. A. course based on the practical New York Copy Desk Method which teaches you to write by writing. You work at home, in leisure time, constantly guided by experienced writers. Soon you acquire the coveted "professional" touch. Then you are ready to market your stories, articles and news items.

Mail the Coupon NOW

Taking the FREE Writing Aptitude Test requires but a few minutes and costs nothing. So mail the coupon now. Take the first step towards the most enjoyable and profitable occupation—writing for publication! Newspaper Institute of America, One Park Ave., New York 16, N. Y. (Founded 1925) (Licensed by State of N. Y.) (Approved Member National Home Study Council.)

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Send me, without cost or obligation, your Writing Aptitude Test and further information about writing for profit as promised in Science News Letter, December 8, 1956.

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