

AMAZING NEW IMPORT
TERRESTRIAL & ASTRONOMIC TELESCOPE

83 POWER—40 POWER or 23 POWER PLUS A VARIABLE 25 and 60 POWER 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.

79.95 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 **7.50** 125X EYEPIECE **9.95**

83 and 40 POWER ASTRONOMICAL 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 sunglass, a pair of prisms (1 erecting), a hardwood tripod and a fitted case.

Only 49.95

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.

8.95
25.00 VAL.

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 \$16.95

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.

12.95

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

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 rock & pinions make smooth, precise adjustments. Body inclines 90°.

7.95
WAS 12.95 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.

12.95 VALUE
ONLY 4.95

LARGEST FIRM OF ITS TYPE IN THE WORLD

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 eyepiece. A Sun filter and a Haze filter. New cond. Cost Gov't \$150.00

24.95

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.

1.25

NAVY 10 POWER 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 1/2". Comes in a hardwood case with brass hinges and locks.

22.75
29.95

SPYGLASS—Same as above but ALL NEW—29.95

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 can. 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.

69.50
200.00 VAL.

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

2-1/4x3-1/4" **21.75** 3-1/4x4-1/4" **18.75**
 4x5" **14.25**

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... **89.50**
 CONTAX 2A... \$109.50 HASSALBAD... \$139.50

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.

15.95

MICROSCOPE SUB-STAGE CONDENSER

\$450.00 VAL. ONLY 12.50

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.

10" f/4.5 EYEMAX 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!

67.50

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

8.95

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AGRICULTURE

Weed Killer Promises End For Troublesome Plants

➤ TWO troublesome weeds, bromegrasses and wild garlic, appear to have met their match in a new herbicide called TBA, the U. S. Department of Agriculture reports.

In experimental studies, TBA, which chemically is 2,3,6-trichlorobenzoic acid, gave almost perfect control of the weeds without hurting desirable grasses. The weed-killer is not available commercially, but will be made available if additional studies of its effects on weeds, grasses and animals prove satisfactory.

Science News Letter, December 22, 1956

MEDICINE

Warns Against Heat for Shock From Blood Loss

➤ IF A PATIENT is in shock because of loss of blood, do not apply heat. This advice, contrary to time-honored first aid practice, is given by Dr. Alan C. Burton of the University of Western Ontario, London, Ont., in the *Canadian Medical Association Journal*.

The patient in shock feels cold because of the body's protective mechanism, Dr. Burton explained. Because of blood loss, the body attempts to maintain normal blood pressure by reducing the flow of blood to those parts of the body where it is not needed most.

Application of heat to the feet, legs and other extremities causes the flow in those parts to increase, dangerously dropping blood pressure and decreasing the flow of blood to the brain. This, he said, may result in death.

The treatment for patients in shock caused by blood loss is transfusion of blood or blood substitutes, he pointed out.

Science News Letter, December 22, 1956