

**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 sightings.
- 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.

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 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.

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.

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!

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!

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.

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°.

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.

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

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.

10 POWER NAVY SPYGLASS

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 lgth., 22 1/2". Comes in a hardwood case with brass hinges and locks.

SAVE ON GOV'T SURPLUS LENSES

NEW EASTMAN I78MM 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.

SPEED GRAPHIC ADAPTERS for above lens—

Includes Lens Board, Extension Tube and Bed Support. 2-1/4x3-1/4" 2175 3-1/4x4-1/4" 1875

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

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 1/2"x 2 1/2" to 4"x 5" transparencies.

MICROSCOPE SUB-STAGE CONDENSER

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!

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

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Do You Know?

Within the last 20 years, the United States has emerged as the largest producer of soybeans.

World consumption of sugar, excluding that in the Soviet Union, Eastern Europe and China, rose to 31,500,000 tons in 1955.

The 1956 pack of frozen cut corn reached an all-time high of 114,813,120 pounds.

Use of aluminum in automobiles increased in 1956 to an average of about 35 pounds per car.

Eradication of the Medfly in Palm Beach County, Florida, was accomplished primarily by means of airplane-applied poison-bait sprays.

**PHYSIOLOGY
Human Body's Reactions Differ in Hunger, Pain**

THE BELIEF that the human body does not distinguish physiologically between hunger and pain has been disproved.

Dr. Bernard Engel, University of California at Los Angeles psychologist, has made a study of these "abnormal" physiological conditions.

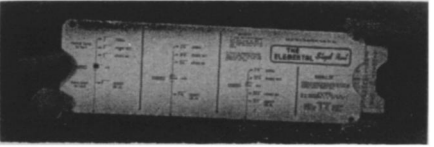
Subjects who had fasted up to 24 hours showed a slight drop in blood pressure, a very slight rise in temperature, increased saliva flow, decreased respiration rate and an increased incidence of stomach contractions.

Subjects who had their feet suddenly plunged in a bucket of ice water showed a marked increase in blood pressure and an increased heart rate. The blood volume in their fingers also dropped, and a blocking of stomach contractions occurred. Anticipation of pain produced similar but not identical results.

"In general," said Dr. Engel, "the studies did not support earlier theories which had suggested that the body was unable physiologically to distinguish between hunger and pain."

Science News Letter, March 9, 1957

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