

AMAZING NEW DESIGN MICROSCOPE

60 to 450 POWER

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

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

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

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

1295

SAVE UP TO 50% ON IMPORTS and GOV'T SURPLUS

2PC. 4-6-10 POWER EYE LOUPES

The newest in Eye Loupes. A 2-piece, 10 Power precision unit with a 6 power lens that screws onto a 4-power base - can be used as a 4x, 6x or 10 power magnifier. A \$2.50 value. **Only 125**

NEW PALLEY 100-200-300X MICROSCOPE

IDEAL FOR STUDENTS, AMATEURS, SCHOOLS, ETC. **Only 895**

An unsurpassed value! This is NOT A TOY! The triple revolving objective lens turret allows you to select a 100X, 200X or 300X magnification. Has right or left hand rack and pinion adjustment for smooth, precise movement. The all metal body inclines 90 degrees. Adjustable plano-sub-stage mirror. Complete in hardwood case. Satisfaction fully guaranteed or money back.

SURPLUS SPECIAL 20-1 SPEED REDUCER

Precision built for Army Gun Control mechanism. Excellent for experimental and for Laboratory uses. The gear ratio of 20 to 1 gives approx. 90RPM with a 1750 RPM motor - direct drive. Can be belt driven - any desired speed with any size motor up to 1/2 HP. Has a cast aluminum alloy case and BALL BEARINGS throughout. Heavy duty, double reduction spur gear drive. Will operate conveyors, timing devices, machine tool drives. Cost Gov't \$86 **995**

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 lgh. is 22-3/4". Complete in handsome hardwood case with brass hinges and locks. Used but excellent - **2275**
2995

SPYGLASS - Same as above but ALL NEW . . .

SELSYN TRANSMITTER MOTOR

A Synchronous Type AC motor. Made originally for Army fire control units. A precision motor for the experimenter, etc. Will operate without speed variation for an indefinite time. 115 Volt, 60 cycle AC. **1495**

12 PIECE SPORTS KNIFE

NEW IMPORT IDEAL GIFT FOR SPORTSMEN, ETC.

Eliminates 12 ITEMS from PACK or TOOL KIT! Contains a regular knife, fork, spoon, fish scaler & bone saw, scissors, draw knife, can & bottle opener, corkscrew, awl punch, metal file. All mounted in a rugged 4-5/8" bone covered handle. Complete with handsome, genuine leather belt holster. BUY DIRECT FROM IMPORTER. **1295 VAL. 395**

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NYLON AUTO SAFETY BELTS

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Meets Civil Aeronautics Standards. Approved by Police, Safety Councils, Highway Patrol, Fleet Operators, etc. Made of finest NYLON webbing and fitted with Aircraft type buckle. Easily installed in any car. Special sizes for Sports Cars. Available in the following colors: Blue, Green, Gray and Maroon.

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INSTALL IN 1/2 HOUR

HOLDS YOU IN YOUR SEAT

PREVENT THIS IN A CRASH

SPECIFY COLOR AND ALTERNATE COLOR

3 SECONDS TO FASTEN - 1 SECOND TO UNFASTEN

6 POWER NAVY 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 **2495**

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**

FREE! BARGAIN BOOKLET

Packed with more Amazing Palley Bargains in Government Surplus and New Merchandise. Includes Optical Goods, Camping & Hiking Equip., etc. Write for booklet No. CB.

NEW ARMY SURPLUS 178mm f:2.5 CAMERA LENS

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

ONLY 6950

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**
4-5" **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

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"Now, after several years of research," Dr. Cochardt said, "we have discovered how to design needed mechanical behavior into certain alloys by control of their magnetic structure. This enables us to predict the behavior we will get by combining certain metals in different proportions, and we can do this without preparing and testing hundreds of thousands of potential combinations of two or more alloying metals.

Science News Letter, July 7, 1956

MEDICINE

Low Protein Diets for Kidney Ills Questioned

IS THE current medical practice of keeping many kidney disease patients on a low protein diet advisable?

Perhaps not, it is suggested in research at the Long Beach Veterans Administration Center by Dr. Nathaniel B. Kurnick of the University of California Medical School, Los Angeles. The work is being supported by the American Cancer Society.

The findings apply particularly to patients whose kidneys are under-functioning and to those who have had one kidney removed. Dr. Kurnick has shown that when one kidney is removed, the other grows and increases its function to compensate for the loss of the organ.

Kidney growth took place not by cell multiplication but by cell enlargement. This was determined by measuring the amount of a nucleic acid, DNA, the substance genes are made of, in the tissue. The DNA remained constant during kidney growth, indicating that the cells did not multiply. But other measurements indicated that the cells were expanding to do more work.

Dr. Kurnick has found that while a low protein diet does spare kidney function it does not provide enough protein to promote expansion of kidney cells. He has shown in rats and in humans that a kidney functions best when the diet includes ample protein to provide for kidney growth but not so much protein that the kidney cannot excrete it all.

Science News Letter, July 7, 1956

INVENTION

Typewriter Invention Replaces Morse Code Key

A WIRELESS operator can now type-write Morse code to other stations. A device that makes this possible has been invented by Leif Evensen of Larvik, Norway.

The invention is designed to replace the familiar Morse code telegraph-key with a standard typewriter keyboard. When a key on the typewriter is hit, an impulse is instantaneously converted to Morse code and transmitted by radio.

The Morse code typewriter can be used by anyone and is capable of transmitting up to 240 letters and figures per minute.

Science News Letter, July 7, 1956

