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SCIENCE NEWS LETTER

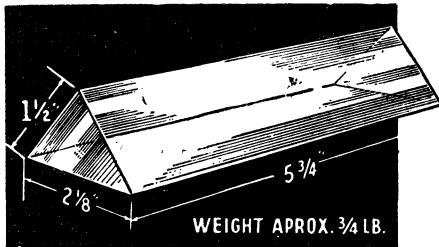
THE WEEKLY SUMMARY OF CURRENT SCIENCE • OCTOBER 27, 1945



Pagan Background
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A SCIENCE SERVICE PUBLICATION

WAR BARGAINS in LENSES and PRISMS



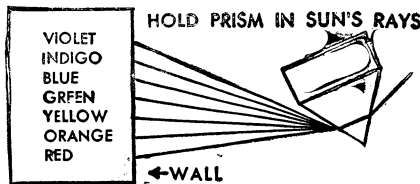
SILVERED TANK PRISM

Stock No. 3004-Q-----\$2.00 each Postpaid

PLAIN TANK PRISM

Stock No. 3005-Q-----\$2.00 each Postpaid

FOUR TANK PRISMS—Special—\$7.00 Postpaid
The most sensational bargain we have ever been able to offer.



TANK PRISMS

In order that the tank driver shall not get shot in the face, 2 of these Silvered Prisms are used to make a Periscope. We have secured a number of these that are very slightly chipped, making possible their sale at a very low price. They are 90-45-45 degree Prisms of huge size—5 3/4" long, 2 1/2" wide, finely ground and polished. Used to build a Periscope . . . excellent also for experiments, classroom demonstrations. Some of our ingenious customers have used these prisms to make camera stereo attachment, range finder, etc. Prism easily converted into desk name plate by affixing gold letters. 100 gold letters supplied at only 10c. (Order Stock No. 3008-Q.) Normally these prisms would retail from \$24 to \$30 each.

TO SEE THE COLORS OF THE SPECTRUM hold a plain tank prism in sun's rays as shown in drawing. White incident light which passes through prism is thus broken up into a band of primary colors known as the spectrum—a beautiful sight! By looking through a tank prism at a certain angle you can see a world of colors everywhere. Truly amazing!

All items Finely Ground and Polished but Edges Slightly Chipped or Other Slight Imperfections Which We Guarantee Will Not Interfere with Their Use. Come Neatly Packed and Marked. Excellent for Xmas Gifts.

WE URGE YOU TO BUY NOW!

WAR PRODUCTION of Optical Items has ceased. Once our supply of Surplus Optics is exhausted, you will never again be able to buy Lenses and Prisms at such bargain prices

16 MM PROJECTOR CONDENSING LENSES—Consists of two Condensing Lenses with combined F.L. of one inch.

Stock #4026-Q-----\$1.00 Postpaid

8 MM PROJECTOR CONDENSING LENSES—Consists of two Condensing Lenses with combined F.L. of 1/2 inch.

Stock #4027-Q-----\$1.00 Postpaid

35 MM KODACHROME PROJECTING LENS SET—Consists of Achromatic Lens for projecting, plus a Condensing Lens and piece of Heat Absorbing Glass with directions.

Stock #4025-Q-----\$1.95 Postpaid

LENS FOR KODACHROME EYE-VIEWER—Color corrected cemented Lens 38 mm. diam., 2 inch F.L.

Stock #6129-Q-----\$1.00 Postpaid

14-POWER COLOR CORRECTION MAGNIFIER SET—Consists of 2 perfect 18 mm. diam. Achromatic Lenses and section of metal tubing for mount.

Stock #1044-Q-----\$1.55 Postpaid

OPTICS FROM 4-POWER PANORAMIC TELESCOPE—Excellent condition. Consists of Objective Prism, Dove Prism, Achromatic Objective Lens, Amici Roof Prism, Eye Lens Set (. . . a \$60.00 value)

Stock #5016-Q-----\$6.00 Postpaid

MONOCULAR SETS OF LENSES AND PRISMS

From Navy's 7x50 Binocular. All the optics you need to make a 7 Power Monocular. (Buy 2 sets to make a Binocular.) Complete Directions included.

Stock #5101-Q-----\$5.00 Postpaid

SPECTROSCOPE SET . . . These sets contain all Lenses and Prisms you need to make a Spectroscope plus FREE 15-page Instruction Booklet.

Stock #1500-Q Hand Type Spectroscope-----\$3.45 Postpaid

Stock #1501-Q Laboratory Type Spectroscope-----\$6.50 Postpaid

MICROSCOPE SETS

Consisting of 4 Cemented Achromatic Lenses for making a 40 Power Pocket Microscope or 140 Power regular size Microscope. These color corrected Lenses will give you excellent definition and may be used for Micro-photography.

Stock #1037-Q-----\$5.00 Postpaid

Consisting of Prism, Mirror and Condensing Lens. These used together with Stock #1037-Q will make an excellent Micro-projector enabling you to get screen magnification of 400 to 1000 Power according to screen distance.

Stock #1038-Q-----\$2.00 Postpaid

SPECIALS IN LENS SETS

Set #1-Q—"Our Advertising Special"—15 lenses for \$1.60 Postpaid, plus 10-page idea booklet. For copying, **ULTRA CLOSE-UP SHOTS**, macrophotography, experimental optics, magnifying and for making a two power f/16 Telephoto Lens, "Dummy Camera," Kodachrome Viewer, **DETACHABLE REFLEX VIEWFINDER** for 35 mm. cameras stereoscopic viewer, ground glass and enlarging focusing aids, **TELESCOPES**, low power Microscopes and for many other uses.

SET #15-Q—"THE EXPERIMENTER'S DREAM"—62 LENSES, PRISMS AND OPTICAL ITEMS, AND NEW 50-PAGE BOOK, "FUN WITH CHIPPED EDGE LENSES." \$15.00 Postpaid. The variety of Lenses and Prisms in this dry eill enable you to conduct countless experiments, build a great variety of Optical Equipment. A sensational buy.

NEW 50-PAGE IDEA BOOK "FUN WITH CHIPPED EDGE LENSES"

Contains wide-variety of projects and fully covers the fascinating uses of all Lenses and in sets listed above . . . only \$1.00 Postpaid.

COLOR FILTERS

1 RED AND 1 YELLOW FILTER IN FOLLOWING DIAM.

20 mm.	(Seconds)	40c
32.5 mm.	(Seconds)	70c
37 mm.	(Seconds)	70c
45.5 mm.	(Seconds)	90c
31 mm.	(Seconds)	70c

(Minimum Order on Above—\$1.00)

CLEANING BRUSH SET—12" exible plastic handle, circular construction. 4 brushes to set, range stiff to soft. Stock #504-Q (Reg. \$6.00 value) Price \$1.00

RAW OPTICAL GLASS—An exceptional opportunity to secure a large variety of optical pieces, both Crown and Flint glass (seconds) in varying stages of processing. Many prism blanks.

Stock #703-Q 8 lbs. (Minimum weight)-----\$5.00 Postpaid

Stock #702-Q 1 1/2 lbs.-----\$1.00 Postpaid

MAGNIFIER SET—5 magnifying Lenses—Powers from 1 to 10.

Stock #1026-Q-----\$2.00 Postpaid

RETICLE SET—5 assorted, engraved reticles from U. S. Gunsights.

Stock #2035-Q-----\$1.00 Postpaid

MISCELLANEOUS ITEMS

Stock No	Item	Price
2024-Q	10 Pieces Circular A-1 Plate Glass (Diam. 31 mm.—for making Filter)	.25
3020-Q	Right Angle Prism 48 mm. wide (3rd grade)	.35 each
523-Q	Six Threaded Metal Reticle Cells	.25
26-Q	First Surface Aluminized Mirror Diam. 1 1/4	.25 each
624-Q	Neutral Ray Filter size 4 3/4" x2 1/2"	.25
3022-Q	Round Wedge 65 mm. Diam.	5.00 each
3021-Q	Amici Roof Prism (3rd grade)	.25 each
4009-Q	Heat Absorbing Glass 4"x5"	.35 each
4010-Q	Heat Absorbing Glass 2"x2"	.10 each
22-Q	Inclinometer-Aircraft type	.25 each
704-Q	Lens Cleaning Tissue, one ream (480 sheets) size 7 1/2" x11"	1.50 each
1030-Q	2" Diam. Reducing Lens	.25 each
1031-Q	Perfect 6 Power Magnifier—Diam. 28 mm.	.25 each
2048-Q	Standard Crossline Reticle—Diam. 29 mm.	.50 each
1034-Q	Burning Glass Lens (Minimum order—\$1.00)	.25 each

PRISMS

Stock No.	Type	Base Width	Base Length	Price
3040-Q	Right Angle	33 mms.	23 mms.	\$ 1.00
3042-Q	Right Angle	41 mms.	40 mms.	1.00
3045-Q	Right Angle	70 mms.	168 mms.	8.00
3001-Q	Lens Surface	20 mms.	14 mms.	2.00
3006-Q	Porro-Abbe	9 mms.	9 mms.	.25
3009-Q	Porro	52 mms.	25 mms.	1.00
3010-Q	Porro	43 mms.	21 mms.	.50
3016-Q	Pentagon	45 mms.	22 mms.	.75
3029-Q	Dove	16 mms.	65 mms.	1.25
3036-Q	80 Degree Roof	60 mms.	36 mms.	4.00
6136-Q	Rhomboid	20 mms.	17 mms.	.50
3049-Q	Right Angle	69 mms.	167 mms.	10.00
3047-Q	Right Angle	53 mms.	103 mms.	4.00
3038-Q	Roof Prism	18 mms.	34 mms.	2.50

TANK PERISCOPE

Complete Set Mounted Components Rugged, strong, originally constructed for U. S. Tank Corps. Consists of 2 fine Periscope Mirrors mounted in metal and plastic. Perfect condition. Only plywood body frame is required to finish this exceptional periscope. First surface mirror is well protected by glass windows. Set weighs 2 3/4 lbs. Overall length of mount 6 1/2", width 2 1/2". Would normally retail at \$40 to \$50.

Stock #700-Q \$3 Complete Set Postpaid

TWO SETS (4 UNITS)

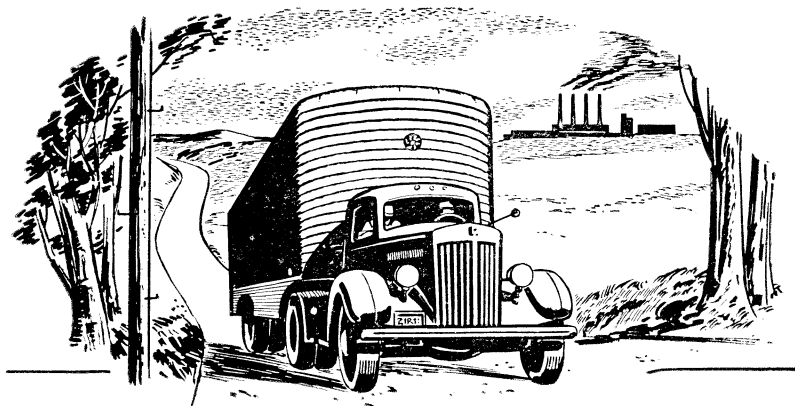
SPECIAL-----\$5.50 Postpaid

ORDER BY FORM NUMBER

SATISFACTION GUARANTEED

EDMUND SALVAGE COMPANY, P. O. Audubon, New Jersey

BETTER GASOLINE IS HERE!



You can utilize today's gasoline quality to pay extra dividends in power and economy

BETTER GASOLINE is no longer a hope — it's a reality. Gasoline companies are now supplying gasoline with improved base stock and higher octane ratings.

This high-quality fuel will be of great value to truck operators, who are faced with the changing conditions of the postwar world—heavier competition in the truck field, demand for better service, and the need for lower ton-mile operating costs. *Higher octane gasoline, used to full*

advantage, can help provide the extra power, performance and economy needed to solve these problems.

In ordering new equipment, you'll want to specify compression ratios to utilize better gasoline. Many engines now in service can also be brought up to date—can be modified to utilize improved antiknock value.

By keeping pace with gasoline improvements you will be taking a long step toward more economical operation per ton mile.

More power from every gallon of gasoline and from every cubic inch of engine displacement through

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