Telescopes, etc.

Wollensak telescopes have schottian optics with guaranteed magnifications and produce a wide field of view with crisp sharpness, free from objectionable color fringes and distortion usually found in cheaper telescopes. Chroming plated draw tube mettalic in finish, assures permanence, smooth action, true fitting and quick accurate focusing. Supplied with leather cases.

ACROMATIC TELESCOPES

<table>
<thead>
<tr>
<th>Power</th>
<th>Diameter of Objective</th>
<th>Length</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 X</td>
<td>1 X</td>
<td>1 1/2&quot;</td>
<td>Diameter of Tube at 100 yards</td>
</tr>
<tr>
<td>1 X</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

CELESTIAL TUBES* designed for the 6X Telescope only. Lenses unsuitable for 6X for astronomical work. Price $9.25.

4X RIFLESCOPE

Makes rifle shooting a wholly new and interesting kind of sport. Magnification: 4 power, field of view 27 at 100 yards. Excellent light transmission and clear view. Cross hair reticles. Two-point Duplex mounts for rigidity. Front mount with micrometer adjusting screws for windage and elevation. Fitted with 22 caliber rifles. Price complete with case, tape, drill, and instructions. $10.00.

TELESCOPE CLAMP

Supplied with removable wood screw, permitting it to be screwed into a tree, post, etc., or on camera tripod. Tapped holes for additional friction. Swivel movement which can be locked in any position. Fits all Wollensak telescopes. Chroming finish. $7.50.

4X SPOTTING SCOPE

Will clearly spot a 22 caliber hole in the black at 100 yards. Recommended and endorsed by leading riflemen. Useful also as an observation scope for hunting, at the summer house, camp, and for field use.

28X scope only ........................ $12.50
With tripod ................................ $20.00

TELESCOPE TRIPOD

Priced above has both panoramic and elevating movements that can be locked in any position. Heads adjustable from 9° to 14°. Will accommodate practically all telescopes. Supplied with leather case. $7.50.

Lenses, etc...

Whether your needs are professional or amateur, there is a lens and shutter in our complete line that will serve your most exacting needs.

PHOTOGRAPHIC LENSES AND SHUTTERS

MOVIE LENSES AND ACCESSORIES

A complete line of cine lenses and accessories for both 8 mm and 16 mm film is available. Also precision milled and assembled for all motion picture cameras on the market today.

PROJECTION LENSES

The Wollensak Survey Projection lenses are made in feet and mountings for 8 mm, 16 mm, and 35 mm projection and lantern slide machines.
# Microscopes

## 100X MICROSCOPE

A splendid model for the grade and junior high school student. Guaranteed magnifications of one hundred diameters; rack and pinion focusing; one-piece molded stand; removable mirror; stage 13/4 x 11/4; chromium plate and lacquer finish. Price with case $5.50.

## 150X MICROSCOPE

This corrected instrument has a single achromatic objective lens that gives a range of magnifications from 10X to 150X. Graduated in steps of 25X. Objective lenses made of high grade crown glass; removable concave mirror; rack and pinion focusing; detachable base; stage 13/4 x 2; height extended 13 1/2; finished in chromium and lacquer; supplied with two plain slides, one prepared slide, tweezers, instructions, and wood case. $15.50

## TRIPOD MAGNIFIER

Fine polished lenses and screw focusing mount makes this 7½ power magnifier a splendid all-rounder instrument. Price $7.75

## 425X MICROSCOPE

The finest value in the amateur microscope field. Double achromatic objective lenses, 425 magnifications range from 100X to 425X graduated in steps of 25X; removable concave mirror; rack and pinion focusing; tilting stand; detachable base; stage 1 1/8 x 3 1/4, height 11/16; chromium and lacquer finish; furnished in lacquered wood case with two plain slides, one prepared slide, tweezers and instructions. $18.50.

**EYEPiece to increase power to 225X, in case** $3.50

## FIELD GLASSES, ETC.

### 8 x 30 PRISM BINOCULAR

Here is the constant outdoor companion you've wanted for sports, travel, fishing, hunting, boating. One of the finest and newest type prism binoculars to be offered to the American public—and it's 100% American made too. Tested on modern instruments to assure perfect alignment and optical corrections, such as stereoscopic perspective, sharpness of image, etc.—guaranteed full right power.

The modern design with rounded shoulders makes the glass fit the hand like a ball—comfortable and well balanced—it's a pleasure to handle.

<table>
<thead>
<tr>
<th>Objective Lens</th>
<th>Angular Field</th>
<th>Pupillary distance</th>
<th>Exit pupil</th>
<th>Relative Brightness</th>
<th>Length closed</th>
<th>Length extended</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm dia.</td>
<td>7.44'</td>
<td>7.22</td>
<td>3.5 mm</td>
<td>12.3</td>
<td>41/2 mm</td>
<td>45/2 mm</td>
<td>10 oz</td>
</tr>
</tbody>
</table>

Central focusing, right angle adjustable individually. Price genuine leather case and two straps $39.75

### ALLSCOPE

Really telescopic spectacles that fit the face comfortably and securely as a pair of eyeglasses. Housed in a case padded for all sporting events. Give exceptionally wide vision and clear view. Supplied with leather case.

<table>
<thead>
<tr>
<th>Model A</th>
<th>2 power</th>
<th>$12.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model B</td>
<td>3 1/4 power</td>
<td>14.50</td>
</tr>
</tbody>
</table>

### BIASCOPE 6X

This field glass brings distant objects six times closer, has quick one finger focusing device, weighs only 4 1/2 ounces, 1 1/2 diameter objective lens; size 1 1/2 high, 3 1/2 wide; leather case $5.00

### COMMANDER 4X

An excellent bird, sport and opera glass. Magnification four power, diameter objective lens 1 1/2; size 1 1/2 high, 6 1/2 wide. Weight seven ounces. Center screw focusing. Leather case and neck strap $12.50

### 6X POCKET ACHROMATIC TELESCOPE

A sturdy built, achromatic telescope. No edge blue or color fringe. Six power, field 126 feet at 1000 yards; two draw, nickel tubing; fiber body. Extended 5 1/2", collapsed 4 1/2". Rubber case. Price $2.50

### POCKESCOPE

About the size of a jack knife, but real telescopes and leudens in the compact class.

<table>
<thead>
<tr>
<th>Pockescope Jr</th>
<th>3 power</th>
<th>$1.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pockescope Sr.</td>
<td>6 power</td>
<td>2.00</td>
</tr>
</tbody>
</table>
**Microscopes**

**100X MICROSCOPE**
A splendid model for the grade and junior high school student. Guaranteed magnification of one hundred diameters; rack and pinion focusing; one-piece modelled stand; removable mirror; stage 13/16" x 11/16"; chromium plate and lacquer finish. Price with case $5.90.

**150X MICROSCOPE**
This corrected instrument has a single achromatic objective lens that gives a range of magnifications from 150x to 100x, graduated in steps of 25x. The stage is 13/16" x 11/16". Objective lenses: 25x, 10x, 4x. Controls: removable concave mirror; rack and pinion focusing; detachable base; stage 13/16" x 11/16"; height extended 11 1/2"; finished in lacquer and lacquer finish; supplied with two plain slides, one prepared slide, tweezers, instructions, and wood case. Price $15.50.

**TRIPOD MAGNIFIER**
Fine polished brass and screw focusing mount makes this 7.5x power magnifier a splendid all-purpose instrument. Price $1.75.

**425X MICROSCOPE**
The finest value in the amateur microscope field. Double achromatic objective lens, photographically corrected; magnifications range from 100X to 425X; graduated in steps of 25X; removable concave mirror; rack and pinion focusing; tilting stand; detachable base; stage 13/4" x 3 1/8"; height 11/4"; chromium and lacquer finish; furnished in lacquered wood case with two plain slides, one prepared slide, tweezers and instruction. Price $18.50.

**EYEPICE to increase magnification to 55X, in case** $3.50.

**Field Glasses, etc.**

**8 X 30 PRISM BINOCULAR**
Here's the constant outdoor companion you've wanted for sports, travel, hunting, boating. One of the finest and newest type prismatic binoculars to be offered to the American public—and it's 100% American made too. Tested on modern instruments to assure perfect alignment and optical corrections, such as stereoscopic perspective, sharpness of image, etc.—guaranteed full right power.

The modern design with rounded shoulders makes the glass fit the hand like a ball—comfortable and well balanced—it's a pleasure to handle.

Magnification—8 diameters Objective Lenses, 30mm. dis. Pupillary distance—45 to 72 mm. Exit pupil—3.5 mm. Relative Brightness—12.3 Field at 1000 yds.—135 yds. Weight—10 oz.

Central focusing, right ocular adjustable individually. Price with genuine leather case and two straps. $29.75.

**ALLSCOPE**
Really telescopic spectroscopy that fits the hand comfortably and securely in a pair of eyepieces. High power, needed for all sporting events. Give exceptionally wide vision and clear view. Supplied with leather case.

- **Model A; 2 power** $12.50
- **Model B; 3X power** $14.50

**BIASCOPE 6X**
This field glass brings distant objects six times closer; has quick finger focusing device; weighs only 4 1/2 ounces, 1" diameter objective lenses; size 3 1/2"x high, 3 1/4" wide; leather case $3.00.

**COMMANDER 4X**
An excellent bird, sport and opera glass. Magnification four power, diameter objective lenses 1 1/2", size 2 1/2" high, 4 1/2" wide. Weight seven ounces. Center screw focusing. Leather case and neck strap. $12.50.

**6X POCKET ACHROMATIC TELESCOPE**
A sturdy built, achromatic telescope. No edge blur or color fringe. Six power field 126 feet at 1000 yards; two draw, nickel tubes, fiber body. Extended 9 1/2", collapsed 4 1/2". Leather case. Price $2.50.

**POCKESCOPE**
About the size of a jack knife, but real telescope and lenses in the compact class.

- **Pockescope Jr., 3 power** $1.50
- **Pockescope Sr., 6 power** $2.00
**Telescopes, etc.**

Wollensak telescopes have achromatic optics with guaranteed magnifications and produce a wide field of view with crisp sharpness, free from objectionable color fringes and distortion usually found in cheaper telescopes. Chromium plated draw tubes mounted in felt, assure permanence, smooth action, true fitting and quick accurate focusing. Supplied with leather cases.

<table>
<thead>
<tr>
<th>Power</th>
<th>Diameter</th>
<th>Length</th>
<th>Field of View</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>15X</td>
<td>1 1/2&quot;</td>
<td>1 3/4&quot;</td>
<td>10&quot;</td>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>20X</td>
<td>1 1/2&quot;</td>
<td>1 3/4&quot;</td>
<td>10&quot;</td>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>25X</td>
<td>1 1/2&quot;</td>
<td>1 3/4&quot;</td>
<td>10&quot;</td>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>30X</td>
<td>1 1/2&quot;</td>
<td>1 3/4&quot;</td>
<td>10&quot;</td>
<td>1 1/2&quot;</td>
</tr>
</tbody>
</table>

**4X RIFLESCOPE**

Makes rifle shooting a wholly new and interesting kind of sport. Magnification, 1 power; field of view 20 at 100 yards. Equipped with light transmission eyepiece, crosshair reticle, two-point suspension mount for rigidity. Rear-mounted windage and elevation adjustment for windage and elevation. Fits all .22 caliber rifles. Price complete with lenses, tripods, or instructions. $10.00.

**TELESCOPE CLAMP**

Supplied with removable wood arms, permitting it to be secured into a tree, post, etc., or on camera tripod. Has elevating and panning movements which can be locked in any position. Fits all Wollensak telescopes. Chromium finish. $7.50.

**ACHROMATIC TELESCOPES**

Whether your needs are professional or amateur, these are the finest and most accurate tools that will serve your most exacting needs.

**MOVIE LENSES AND ACCESSORIES**

A complete line of quality lenses and accessories for both 8 mm and 16 mm in sizes and mountings to fit practically all movie cameras on the market today.

**PROJECTION LENSES**

The Wollensak Summar Projection lenses are made in focal lengths for 8 mm, 16 mm, and 35 mm projection and lantern slide machines.
**Telescopes, etc.**

Wollensak telescopes have achromatic optics with guaranteed magnifications and produce wide field of view with crisp sharpness, free from objectionable color fringes and distortion usually found in cheaper telescopes. Chromium plated draw tubes mounted in felt, ensures permanence, smooth action, true fitting and quick accurate focusing. Supplied with leather cases.

### Specifications

<table>
<thead>
<tr>
<th>Power</th>
<th>Diameter</th>
<th>Length (return)</th>
<th>Field of View</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4X</td>
<td>1 1/8&quot;</td>
<td>5 1/16&quot;</td>
<td>2 3/4&quot;</td>
<td>6 oz.</td>
<td>$5.50</td>
</tr>
<tr>
<td>8X</td>
<td>1 1/8&quot;</td>
<td>6 3/16&quot;</td>
<td>3 1/2&quot;</td>
<td>11 oz.</td>
<td>$9.00</td>
</tr>
<tr>
<td>10X</td>
<td>1 1/8&quot;</td>
<td>7 1/4&quot;</td>
<td>4 1/4&quot;</td>
<td>12 oz.</td>
<td>$11.00</td>
</tr>
<tr>
<td>15X</td>
<td>1 1/8&quot;</td>
<td>9 1/2&quot;</td>
<td>5 3/4&quot;</td>
<td>15 oz.</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

**Celestial Eyepiece** designed for the 4X Telescope Eyepiece, increases magnification to 16X for astronomical work. Price $2.50.

**Vista Glass Holder** for solar observations. 50 all Wollensak Telescopes. Price $2.50.

**4X Rifle Scope**

Makes rifle shooting a wholly new and interesting kind of sport. Magnification 4 power; field of view 23 at 100 yards. Eyedguard light transmission through two lenses. Cross hair reticule. Two-point suspension mounts for rigidity. Rear mount with illustrated instructions for correct winding and elevation. Fits all 22 caliber rifles. Price complete with bases, tripods, and instructions. $10.00.

**Telescope Clamp**

Supplied with removable wood screw, permitting it to be screwed into a tree, post, etc., or on camera tripod. Has elevating and panning movements which can be locked in any position. Fits all Wollensak telescopes. Chromium finish. $7.50.

**20X Spotting Scope**

Will clearly spot a .22 caliber hole in the black at 100 yards. Recommended and endorsed by leading riflemen. Useful also as an observation scope for hunting, at the summer home, camp and for field use. 20X scope only. $12.50 With tripod. $20.00.

**Telescope Tripod**

Priced above has both panoramic and elevating movements that can be locked in any position. Height adjustable from 9" to 4". Will accommodate practically all telescopes. Supplied with leather case. $7.50.

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**Lenses, etc.**

Whether your needs are professional or amateur, there is a lens and shutter in our complete line that will serve your most exacting needs.

**Photographic Lenses and Shutters**

A complete line of ciné lenses and accessories for both 8 mm and 16 mm cameras and mountings to fit practically all movie cameras on the market today.

**Movie Lenses and Accessories**

The Wollensak Sunny Projection lenses are made in feet and mountings for 8 mm, 16 mm, and 35 mm projection and lantern slide machines.

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**Wolllensak Products**

**American Made**

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