

**1960  
Lupe 5X**



A very practical magnifier, with an acrylic tube, for use by the entire family.

Magnification: 5X  
Size: 36.5 φ × 66.5 mm  
Net weight: 29.2 gm

**1961  
Lupe 10X**



A moderately priced, all-purpose magnifier with large magnification and wide visual field.

Magnification: 10X  
Size: 34.5 φ × 41.5 mm  
Net weight: 27.5 gm

**1962  
Lupe 15X**



A most useful magnifier with a coated achromatic lens composed of a 2-component, 3-element construction.

Magnification: 15X  
Size: 36 φ × 34.5 mm  
Net weight: 18.4 gm

**1964  
Lupe 22X**



A high grade, powerful magnifier with a coated achromatic lens composed of a 2-component, 3-element construction.

Magnification: 22X  
Size: 36 φ × 25 mm  
Net weight: 22 gm

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**1964-L  
Light Lupe 22X**



Attachment of an illuminating device to a Lupe 22X has greatly improved its inspection capability.

Magnification: 22X  
Size: 43 φ × 65 × 184 mm  
Net weight: 55 gm.  
Battery: UM-3 (1.5v) × 2

**1966  
Light Lupe 10X**



A 10X loupe with a light source for inspection, where illumination is insufficient. Uses two penlight cells.

Magnification: 10X  
Size: 35 × 41 × 175 mm  
Net weight: 81 gm.  
Battery: UM-2 (1.5v) × 2

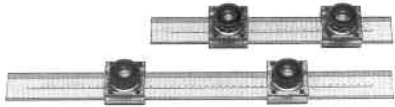
**1972  
Glass Scale**



Graduations are photoengraved on clear glass. Placed over the object to be measured, both can be observed with a magnifier.

1972-50	Size: 70 × 25 × 3 mm Min. scale division: 0.1 mm Net weight: 31 gm. Lupe: 15X 1PC
1972-100	Size: 140 × 25 × 3 mm Min. scale division: 0.1 mm Net weight: 39 gm. Lupe: 15X 1PC
1972-200	Size: 220 × 25 × 3 mm Min. scale division: 0.1 mm Net weight: 57 gm. Lupe: 15X 1PC
1972-300	Size: 330 × 25 × 3 mm Min. scale division: 0.1 mm Net weight: 77 gm. Lupe: 15X 1PC

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**1972S**

300S	Size: 360×50×10 mm Min. scale division: 0.1 mm Net weight: 590 gm. Lupe: 10×2 pcs
500S	Size: 560×50×10 mm Min. scale division: 0.1 mm Net weight: 807 gm. Lupe: 10×2 pcs
700S	Size: 760×50×10 mm Min. scale division: 0.1 mm Net weight: 1,023 gm. Lupe: 10×2 pcs
1000S	Size: 1,060×50×10 mm Min. scale division: 0.1 mm Net weight: 1,348 gm. Lupe: 10×2 pcs

**1975  
Scale  
Lupe 7×**

Kellner type with 3-element, 2-groupe construction. Accurate measurements can be made by turning the focusing ring so both object and scale can be seen.

Magnification: 7×  
Size: 36 φ × 57 mm  
Net weight: 56 gm.

**1976  
Scale Lupe 7× Set**

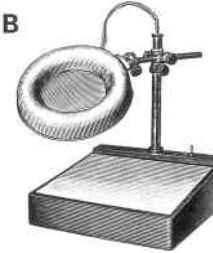
A set of a SCALE LUPE 7× and the 5 most frequently used scales in a plastic container.

Size (Case): 150×75×60 mm  
Weight: 172 gm. (G.W.)

**3****1977-A  
P. I. L. A**

A 130 mm diameter 3× lens set in a circular fluorescent light. Uses a support and bed.

Magnification: Approx. 3×  
Lens diameter: 130 mm φ  
Illumination: Circular fluorescent lamp  
100—110V, 20W. (will be designed for special voltages)  
Bed area: 190×160 mm  
Size: 230×445×380 mm  
Net weight: 2,900 gm.

**1977-B  
P. I. L. B**

Fluorescent lights are built into the bed and around the lens for top and bottom illumination. See-through observation is possible.

Illustration: Two circular fluorescent lamps  
Bed area: 210×265 mm  
Size: 315×445×380 mm  
Net weight: 4,450 gm.

**1977-C  
P. I. L. C**

A fluorescent light set in a 130 mm diameter 3× lens. A 500 mm, 2-section arm increases movement of the lens.

First arm: 490 mm  
Second arm: 490 mm  
Size: 230×190×715 mm  
Net weight: 3,000 gm.

**1977-D  
P. I. L. D**

This model is the same as the P. I. L. A, except the bed has been removed and an attachable type seat plate provided for easy attachment to work bench, etc.

Size: 230×445×300 mm  
Net weight: 2,350 gm.

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**1977-E  
P. I. L. E**



This model is light weight handy type. Electric outlet is separated from the magnifying lens for easy carry.

Size: 235×420×65 mm  
Net weight: 1,800 gm.

**1980  
P. I. L. Auxiliary Lens**



A 60 mm diameter 3× magnifier. Place on the P.I.L. lens, it increases the magnification to 5× for more accurate observation.

Size: 149.2 φ ×35 mm  
Net weight: 112 gm.

**1983  
Scale Lupe 10×**



4-element, 2-group, coated. High resolution and wide field view makes scale reading easy.

Magnification: 10×  
Size: 46 φ ×44 mm  
Net weight: 74 gm.

**1985-7  
Steinheil Lupe**



A color corrected 3-element composite lens. High resolution throughout the wide field of view. The classic high-quality loupe.

1985-7 Magnification: 7×  
size: 39×24×22 mm  
Net weight: 22 gm.

**1985-10**

1985-10 Magnification: 10×  
size: 39×24×22 mm  
Net weight: 19 gm.

**1985-14**

1985-14 Magnification: 14×  
size: 39×24×22 mm  
Net weight: 18 gm.

**1985-20**

1985-20 Magnification: 20×  
size: 39×24×22 mm  
Net weight: 18 gm.

**1986  
Magnetic Magnifier**



Magnets attached to the transparent resin barrel hold this loupe firmly in place. Especially useful for reading calipers.

Magnification: 5×  
Lens diameter: 30 mm φ  
Size: 44×20×30 mm  
Net weight: 15 gm.

**1987  
Light Lupe 3.5×**



A large square 3.5× Lens with build-in light source for use where illumination is insufficient.

Magnification: 3.5×  
Size: 60×75×190 mm  
Net weight: 120 gm.  
Battery : UM-2 (1.5V)×2

**1989  
Parasite Lupe**



A cleverly designed loupe with a small 20 mm diameter 5× lens mounted over a large 2.5× lens.

Magnification: 2.5×, 5×  
Lens diameter: 75 mm φ (2.5×), 20 mm φ (5×)  
Size: 80 φ ×170 mm  
Net weight: 111 gm.

**1990**  
**Anastigmat Lupe**



A high-quality, wide-field loupe with corrected astigmatism and image distortion curve. One complete standard size microfilm can be observed. Available in 4X and 7X.

1990-4 Magnification: 4X  
Field of view: 58 mm  $\phi$   
Effective aperture: 30 mm  $\phi$   
Min. scale division: 0.1 mm  
Working distance: 54 mm  
Size: 73  $\phi$   $\times$  77 mm  
Net weight: 272 gm.

1990-7 Magnification: 7X  
Field view: 41 mm  $\phi$   
Effective aperture: 22 mm  $\phi$   
Min. scale division: 0.1 mm  
Working distance: 36 mm  
Size: 55  $\phi$   $\times$  53 mm  
(Strap-clasp not included)  
Net weight: 103 gm.

**1993**  
**Sucking Lupe 10X**



A 10X loupe with a high-quality, natural rubber suction cup attached. Useful for attaching to flat objects such as the focusing screens of large cameras, etc.

Magnification: 10X  
Lens diameter: 30 mm  $\phi$   
Size: 60  $\phi$   $\times$  51 mm  
Net weight: 35 gm.

**1994**  
**Stereo Viewer**



A simple 2-lens viewer for observing stereo aerial photographs, etc. Available in 2X and 4X.

Net weight: 1994-2 250 gm.  
1994-4 250 gm.

**1996**  
**Lupe 30X**



A simple microscope type loupe with 4-element, 2-group construction. And the image is erect.

Magnification: 30X  
Effective aperture: 7 mm  $\phi$   
Size: 37  $\phi$   $\times$  20 mm  
Net weight: 10 gm.

**1996-L**  
**Light Lupe 30X**



Attachment of an illuminating device to a LUPE 30X has greatly improved its inspection capability.

Size: 43  $\phi$   $\times$  65  $\times$  184 mm  
Net weight: 40 gm.  
Battery: UM-3 (1.5V)  $\times$  2

**1997**  
**Hand Lupe 3X**



Ideal for observation and inspection. Useful even at outdoors.

Magnification: 3X  
Lens diameter: 50 mm  $\phi$   
Size: 60  $\phi$   $\times$  20 mm  
Net weight: 80 gm.

**1998**  
**Light Scale Lupe 7X**



Inspection convenience is improved by adding a removable light to a SCALE LUPE 7X.

Size: 36  $\phi$   $\times$  58  $\times$  175 mm  
Net weight: 118 gm.  
Battery: UM-2 (1.5V)  $\times$  2

**1999  
Telecentric  
Lupe 7X**



A telecentric type loupe with 3-element, 2-group construction and aperture adjustment, Measures length and width of solid objects without parallax. Scale included.

Magnification: 7X  
Size: 38 φ × 74 mm  
Net weight: 73 gm.

**2000  
Prof. Koana  
type  
Enlarging  
Focuser**



Designed by Prof. Koana, this enlarging focuser is incomparably accurate for focusing of enlargers.

Size: 80 × 160 × 140 mm  
Net weight: 643 gm.

**2001-15  
Pocket Microscope**



Unbelievably bright and with extremely high resolution, this simple high-performance microscope can be clipped in the pocket like a pen.

2001-15 Magnification: 15X  
Field of view: 5.40 mm φ  
Size: 12.4 φ × 126 mm  
Net weight: 13 gm.

**2001-25**

2001-25 Magnification: 25X  
Field of view: 3.30 mm φ  
Size: 12.4 φ × 127 mm  
Net weight: 12 gm.

**2001-50**

2001-50 Magnification: 50X  
Field of view: 2.00 mm φ  
Size: 12.4 φ × 127 mm  
Net weight: 12 gm.

**2001-75**

1985-75 Magnification: 75X  
Field of view: 1.09 mm φ  
Size: 12.4 φ × 127 mm  
Net weight: 13 gm.

**2001-100**

1985-100 Magnification: 100X  
Field of view: 0.84 mm φ  
Size: 12.4 φ × 127 mm  
Net weight: 16 gm.

**2001-15 LONG  
Pocket Microscope  
15X LONG**



With the barrel part longer than the usual model by 53mm, a comfortable sitting posture will be kept while you observe an object. Bright and splendid resolution.

Magnification: 15X  
Field of view: 5.40 mm φ  
Size: 12.4 φ × 180 mm  
Net weight: 18 gm.

**2003 - 1209SA0  
Linen Tester**



A folding type loupe that is convenient for inspecting cloth, printed matter, etc.

Base size: 10 mm (1/2 in.)  
Magnification: 9X  
Lens element: 1 Material: Aluminum  
Surface treatment: Solid Color  
Net weight: 14gm.

**2003 - 3407SA0**

Base size: 15 mm (3/4 in.)  
Magnification: 7X  
Lens element: 1 Material: Aluminum  
Surface treatment: Solid Color  
Net weight: 25 gm.

**2003 - 1006SA0**

Base size: 25 mm (1 in.)  
Magnification: 6X  
Lens element: 1 Material: Aluminum  
Surface treatment: Solid Color  
Net weight: 42 gm.

2003 - 1209SA3

Base size: 10 mm (1/2 in.)  
Magnification: 9X  
Lens element: 1 Material: Aluminum  
Surface treatment: Black  
Net weight: 15 gm.

2003 - 3407SA3

Base size: 15 mm (3/4 in.)  
Magnification: 7X  
Lens element: 1 Material: Aluminum  
Surface treatment: Black  
Net weight: 25 gm.

2003 - 1006SA3

Base size: 25 mm (1 in.)  
Magnification: 6X  
Lens element: 1 Material: Aluminum  
Surface treatment: Black  
Net weight: 43 gm.

2003 - 1209WZ3

Base size: 10mm (1/2 in.)  
Magnification: 9X  
Lens element: 2 Material: Zinc  
Surface treatment: Black  
Net weight: 24 gm.

2003 - 3408WZ3

Base size: 15 mm (3/4 in.)  
Magnification: 8X  
Lens element: 2 Material: Zinc  
Surface treatment: Black  
Net weight: 46 gm.

2003 - 1006WZ3

Base size: 25 mm (1 in.)  
Magnification: 6X  
Lens element: 2 Material: Zinc  
Surface treatment: Black  
Net weight: 63 gm.

2003 - 1504WA3

Base size: 30 mm (1.5 in.)  
Magnification: 4X  
Lens element: 2 Material: Aluminum  
Surface treatment: Black  
Net weight: 87 gm.

2003 - 2003WA3

Base size: 50 mm (2 in.)  
Magnification: 3X  
Lens element: 2 Material: Aluminum  
Surface treatment: Black  
Net weight: 150 gm.

2004

Scale Lupe 10X Set



A SCALE LUPE 10X with the 5 most frequently used scales as a set in a plastic container.

Size: 150X75X60 mm  
Net weight: 199 gm. (G.W.)

2008-25

Stand  
Microscope



A compact, lightweight microscope for use in measuring. Outstanding resolution and brightness of both lens and scale plus the smooth operation make use easy and pleasant.

2008-25 Magnification: 25X  
Field of view: 3.30 mm  $\phi$   
Min. scale division: 0.05 mm  
Measuring range: 3.0 mm  
Size: 41.5  $\phi$  X 122 mm  
Net weight: 83 gm.

2008-50

2008-50 Magnification: 50X  
Field of view: 2.00 mm  $\phi$   
Min. scale division: 0.02 mm  
Measuring range: 1.6 mm  
Size: 41.5  $\phi$  X 122 mm  
Net weight: 83 gm.

2008-75

2008-75 Magnification: 75X  
Field of view: 1.09 mm  $\phi$   
Min. scale division: 0.01 mm  
Measuring range: 1.0 mm  
Size: 41.5  $\phi$  X 122 mm  
Net weight: 83 gm.

2008-100

2008-100 Magnification: 100X  
Field of view: 0.84 mm  $\phi$   
Min. scale division: 0.005 mm  
Measuring range: 0.8 mm  
Size: 41.5  $\phi$  X 122 mm  
Net weight: 87.5 gm.

**2008-LH**  
**Light Holder**  
**for Stand**  
**Microscope**



Sufficient supply of light can be obtained by attaching to THE PEAK STAND MICROSCOPES the illuminating device consisting of a penlight and holder.

Size: 47  $\phi$   $\times$  60  $\times$  190 mm  
 Net weight: 26 gm.  
 Battery: UM-3 (1.5V)  $\times$  2

**2009-20**  
**Shop**  
**Microscope**



A simple measuring microscope with a penlight attached as light source. Includes scale. Can be kept near at hand for convenience.

2009-20 Magnification: 20 $\times$   
 Field of view: 7.2 mm  $\phi$   
 Min. scale division: No. 16 0.05 mm  
 No. 17 0.0025"  
 Measuring range: 6.0 mm  
 Working distance: 52.0 mm  
 Case: 222  $\times$  145  $\times$  95 mm  
 Total weight: 496 gm.

**2009-40**

2009-40 Magnification: 40 $\times$   
 Field of view: 4.3 mm  $\phi$   
 Min. scale division: No. 18 0.02 mm  
 No. 19 0.001"  
 Measuring range: 3.4 mm  
 Working distance: 28.0 mm  
 Case: 222  $\times$  145  $\times$  95 mm  
 Total weight: 493 gm.

**2009-60**

2009-60 Magnification: 60 $\times$   
 Field of view: 2.2 mm  $\phi$   
 Min. scale division: No. 20 0.02 mm  
 No. 21 0.001"  
 Measuring range: 1.6 mm  
 Working distance: 6.0 mm  
 Case: 222  $\times$  145  $\times$  95 mm  
 Total weight: 507 gm.

**2009-100**

2009-100 Magnification: 100 $\times$   
 Field of view: 1.8 mm  $\phi$   
 Min. scale division: No. 22 0.01 mm  
 No. 23 0.0005"  
 Measuring range: 1.2 mm  
 Working distance: 5.5 mm  
 Case: 222  $\times$  145  $\times$  95 mm  
 Total weight: 528 gm.

**2010**  
**Brinell**  
**Microscope**



A 20 $\times$  microscope for reading hardness measurements. Operation is easy so use is also possible for many other applications. Scale included.

Magnification: 20 $\times$   
 Min. scale division: 5/100 mm (25/10000")  
 Field of view: 7.2 mm  $\phi$   
 Measuring range: 6.0 mm  
 Case: 215  $\times$  57  $\times$  46 mm  
 Total weight: 412 gm.

**2015**  
**Mini Comparator 7 $\times$**



A simple and compact measuring loupe composed of achromatic lens and scale. Inexpensive and portable.

Magnification: 7 $\times$   
 Size: 29  $\phi$   $\times$  46 mm  
 Net weight: 28 gm.

**2016**  
**Scale Lupe 15 $\times$**



Curvature of field and color aberration are almost completely corrected in this wide-angle, high-power loupe. Multi-coating 4-element, 3-group construction.

Magnification: 15 $\times$   
 Field of view: 20 mm  $\phi$   
 Effective aperture: 13 mm  $\phi$   
 size: 35  $\phi$   $\times$  33 mm  
 Net weight: 40 gm.

**2016-L**  
**Light Scale**  
**Lupe 15 $\times$**



Attachment of an illuminating device to a SCALE LUPE 15 $\times$  has greatly improved its inspection capability.

Size: 43  $\phi$   $\times$  65  $\times$  184 mm  
 Net weight: 72 gm.  
 Battery: UM-3 (1.5V)  $\times$  2

**2017-6  
2016-8  
Tie-pin Lupe**



An accurate optical glass lens set in a tie-pin. Practical and a unique male accessory as well. Great gift item. Available in 6X and 8X.

Magnification: 6X, 8X  
Lens diameter: 15 mm  $\phi$   
Size: 50X16X21 mm  
Net weight: 10 gm.

**2018  
Lupe 8X**



A square 3-element, 2-group construction lens Covers the 24 mmX36 mm area of 35 mm negatives. Graduation on bottom of skirt.

Magnification: 8X  
Field of view: 24X36 mm  
Size: 46X49X39 mm  
Net weight: 52 gm.

**2018-P.H.  
Puncher & Holder**



A convenient accessory to be fitted to Lupe 8X. A best one for checking and marking 35 mm film and viewing color slide.

Size: 60X47.3X15 mm  
Net weight: 13 gm.

**2019  
Cassette Lupe 15X**



A 15X loupe in a plastic cassette that doubles as a stand. Prevent accumulation of dust and increases portability.

Magnification: 15X  
Effective aperture: 19 mm  $\phi$   
size: 34X54X26 mm  
Net weight: 48 gm.

**2020  
Prof. Koana  
Type  
Enlarging  
Focuser**



Designed by Prof. Koana, this enlarging focuser is incomparably accurate for focusing of enlargers.

Size: 65X140X140 mm  
Net weight: 280 gm.

**2021-15  
2021-22  
Swing Lupe**



As it has swinging lens-support and basement, the hands are left free after focusing. Available in 15X and 22X.

Magnification: 15X, 22X  
Field of view: 16 mm  $\phi$  (15X), 10 mm  $\phi$  (22X)  
Size: 55X32X32 mm  
Net weight: 97 gm. (15X), 96 gm. (22X)

**2022-35  
Achroma Lupe**



Newly-designed achromatic lens of cemented two optical glass lenses. Available in diameter of 35,55 and 75 mm.

2022-35 Magnification: 4X  
Lens diameter: 37 mm  $\phi$   
Surface treatment: Bothfaces purple-coated  
Size: 39X155X15 mm  
Net weight: 67 gm.

**2022-55**

2022-55 Magnification: 2X  
Lens diameter: 54 mm  $\phi$   
Surface treatment: Bothfaces purple-coated  
Size: 56X175X20 mm  
Net weight: 117 gm.

**2022-75**

2022-75 Magnification: 1.3X  
Lens diameter: 75 mm  $\phi$   
Surface treatment: Bothfaces purple-coated  
Size: 77X195X25 mm  
Net weight: 245 gm.



**2023**  
**Light Lupe**  
**15×**



A 15× loupe with a light source for inspection where illumination is insufficient. Uses two penlight cells.

Magnification: 15×  
Field of view: 19 mm  $\phi$   
Size: 36×180×42 mm  
Net weight: 90 gm.  
Battery: UM-2 (1.5V)×2

**2028**  
**Light Scale Lupe 10×**



Inspection convenience is improved by adding a removable light to a SCALE LUPE 10×.

Magnification: 10×  
Size: 47  $\phi$  ×45×185 mm  
Net weight: 134 gm.  
Battery: UM-2 (1.5V)×2

**2026-8**  
**Hand Viewer and**  
**Micro Film Viewer**



Convenient and economical handy viewer for reading aperture card, microfiche and X-ray film, etc. Available in 8×, 15× and 20×.

2026-8 Magnification: 8×  
Field of view: 24×36 mm  
Size: 138×46×53 mm  
Net weight: 92 gm.

**2026-15**



2026-15 Magnification: 15×  
Field of view: 19 mm  $\phi$   
Size: 138×44×46 mm  
Net weight: 91 gm.

**2026-20**

2026-20 Magnification: 20×  
Field of view: 11 mm  $\phi$   
Size: 138×40×46 mm  
Net weight: 110 gm.

**2030**  
**Prof. Koana**  
**Type**  
**Enlarging**



Designed by Prof. Koana, this enlarging focuser is incomparably accurate for focusing of enlargers.

Size: 65×140×140 mm  
Net weight: 174 gm.

**2032**  
**plalupe 10×**



An all-purpose magnifier of tow separated plastic lenses, cheap yet optically designed.

Magnification: 10×  
Size: 45  $\phi$  ×40 mm  
Net weight: 18 gm.

**2027**  
**Short Focus**  
**Scope 8x20**



A lightweight pocket-size telescope of correct images. Available from such a short distance of 30 cm.

Magnification: Telescope 8×  
Magnifier 25×  
Size: Telescope 32  $\phi$  ×91 mm  
Magnifier 45  $\phi$  ×172 mm  
Net weight: Telescope 76 gm.  
Magnifier 110 gm.

**2033-90**  
**Flexible**  
**Stand**  
**Lupe**



As the lens at the top of flexible arm can be freely set in height and inclination, the viewer can cotinuously observe and inspect with an efficient posture.

2033-90 Magnification: 2.2×  
Lens diameter: 90 mm  $\phi$   
Size: 145×120×460 mm  
Net weight: 1,427 gm.

2033-100

2033-100 Magnification: 2X  
Lens diameter: 100 mm  $\phi$   
Size: 145X120X470 mm  
Net weight: 1,484 gm.

2033-115

2033-115 Magnification: 1.7X  
Lens diameter: 115 mm  $\phi$   
Size: 145X120X485 mm  
Net weight: 1,527 gm.

**2034-20  
Wide  
Stand  
Microscope**



Succeeding Stand Microscope we have another measuring microscope characterized by wider field of view with superior resolving power, smooth-working mechanism and penlight illumination.

2034-20 Magnification: 20X  
Field of view: 7.2 mm  $\phi$   
Min. scale division: 0.10 mm  
0.005"  
Measuring range: 6.0 mm  
Working distance: 36.0 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 307 gm.

2034-40

2034-40 Magnification: 40X  
Field of view: 3.6 mm  $\phi$   
Min. scale division: 0.05 mm  
0.002"  
Measuring range: 3.0 mm  
Working distance: 18.7 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 306 gm.

2034-60

2034-60 Magnification: 60X  
Field of view: 2.4 mm  $\phi$   
Min. scale division: 0.02 mm  
0.001"  
Measuring range: 2.0 mm  
Working distance: 10.8 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 309 gm.

2034-100

2034-100 Magnification: 100X  
Field of view: 1.45 mm  $\phi$   
Min. scale division: 0.01 mm  
0.0005"  
Measuring range: 1.2 mm  
Working distance: 5.7 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 313 gm.

2034-150

2034-150 Magnification: 150X  
Field of view: 0.96 mm  $\phi$   
Min. scale division: 0.005 mm  
0.0002"  
Measuring range: 0.9 mm  
Working distance: 9.2 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 314 gm.

2034-200

2034-200 Magnification: 200X  
Field of view: 0.72 mm  $\phi$   
Min. scale division: 0.002 mm  
0.0001"  
Measuring range: 0.6 mm  
Working distance: 6.7 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 316 gm.

2034-300

2034-300 Magnification: 300X  
Field of view: 0.48 mm  $\phi$   
Min. scale division: 0.001 mm  
Measuring range: 0.2 mm  
Working distance: 40 mm  
Size: 63  $\phi$  X 172 mm  
Net weight: 314 gm.

**2035  
Head Lupe**



An extremely lightweight head lupe with two varying magnifications in one device. It will be attached detached by a magic tape.

Magnification: 2.2X, 3.3X  
Size: 190X70X250 mm  
Net weight: 100 gm.

**2035-II  
Head Lupe II**



Head Lupe II with an extremely light weight enables you to choose four magnifying powers by adding attachment lens.

Magnification: 2.2X, 3.3X, 4.1X & 5.2X  
Size: 190X70X258 mm  
Net weight: 118 gm.

**2036-25**  
**Pocket Measuring**  
**Microscope**



A fountain pen-type microscope with built-in scale providing efficient brightness to compare and observe.

2036-25 Magnification: 25×  
Field of view: 3.30 mm  $\phi$   
Min. scale division: 0.05 mm  
Measuring range: 3.00 mm  
Size: 12.4  $\phi$  × 127 mm  
Net weight: 12.2 gm.

**2036-50**

2036-50 Magnification: 50×  
Field of view: 2.00 mm  $\phi$   
Min. scale division: 0.02 mm  
Measuring range: 1.60 mm  
Size: 12.4  $\phi$  × 127 mm  
Net weight: 12.2 gm.

**2037**  
**Scale Lupe 30×**



A high power loupe of 4-element, 2-group construction with scale providing to compare and measure. By turning the focussing ring, accurate measurement can be obtained at erect image.

Magnification: 30×  
Field of view: 7 mm  $\phi$   
Size: 30  $\phi$  × 19 mm  
Net weight: 16 gm.

**2037-L**  
**Light Scale**  
**Lupe 30×**



Attachment of an illuminating device to a SCALE LUPE 30X has greatly improved its inspection capability.

Size: 43  $\phi$  × 65 × 184 mm  
Net weight: 48 gm.

**2038**  
**Lupe 4×**



A square type lupe with high resolution acromatic lens. Semitransparent and black bottom skirts are provided to allow one-touch changing operation depending upon lighting condition.

Magnification: 4×  
Field of view: 45×45 mm  
Size: 51×65×51 mm  
Net weight: 80 gm.

**2039**  
**Mirror Stereo Viewer**



Mirror Stereo Viewer consisting of the view body and mirror is used for solid geometrically view and inspects stereo pictures for forestry, regional development projects etc.

Base line spacing: 260 mm  
Magnification of loupe: 2×  
Field of view without loupe: 260×200 mm  
Field of view with loupe: 210×150 mm  
Maximum size set up: 713×267×255 mm  
Net weight: 2,650 gm.

**2041**  
**multi Desk Lupe**



A modern desk type lupe equipped with four different lenses enables you to see things of their sharp details.

Magnification: 2× (Main lens)  
Size: 175×150 to 330×260 mm  
Net weight: 1,500 gm.

**2044**  
**Zoom Lupe 816**



An epochal product designed to permit the stepless change of magnification for zooming operation from 8× to 16×.

Magnification: 8× to 16×  
Field of view: 20  $\phi$  to 10  $\phi$   
Diopter adjust ring: +2.5D to -5D  
Min. scale division: 0.1 mm, 0.005"  
Size: 45  $\phi$  × 65 mm  
Net weight: 149 gm.

**2046  
Light Box**



An auxiliary lighting source to be used where the supply of light is not sufficient when you use the LUPE 8X with PUNCHER & HOLDER or MICROFILM VIEWERS 15X and 20X.

Size: 50×81×25 mm  
 Net weight: 50 gm.  
 Battery: R6P×2  
 Bulb: 2.5V · 0.3A×1

**2047  
Pendant  
Lupe 3X**



A magnifier simple and light in weight, suitable for practical use. Consists of an optical lens, a plastic frame and a strap.

Magnification: 3X  
 Lens diameter: 28 mm  $\phi$   
 Size: 35  $\phi$  × 53 × 5 mm  
 Net weight: 9 gm.

**2048-A  
Eye Lupe**



A convenient attach-to-the-eye type magnifier to be used, as an auxiliary tool, for the work of making and repairing clocks, watches and jewelry.

- 2048-A13D Magnification: 3.3X  
 Material: Aluminum  
 Net weight: 10 gm.
- 2048-A16D Magnification: 4X  
 Material: Aluminum  
 Net weight: 10 gm.
- 2048-A20D Magnification: 5X  
 Material: Aluminum  
 Net weight: 10 gm.
- 2048-A26D Magnification: 6.7X  
 Material: Aluminum  
 Net weight: 11 gm.
- 2048-A40D Magnification: 10X  
 Material: Aluminum  
 Net weight: 13 gm.

**2048-A40D**



**2048-V**



- 2048-V13D Magnification: 3.3X  
 Material: Vinyl  
 Net weight: 6 gm.
- 2048-V16D Magnification: 4X  
 Material: Vinyl  
 Net weight: 6 gm.
- 2048-V20D Magnification: 5X  
 Material: Vinyl  
 Net weight: 6 gm.
- 2048-V26D Magnification: 6.7X  
 Material: Vinyl  
 Net weight: 6.5 gm.

**2050-25  
Pocket  
Microscope  
EIM**



Pocket microscope series so far supplied produced Inverted images. However, pocket microscope EIM with a built-in roof prism can produce erected images, making your job easy and precise.

**2050-50**

- 2050-25 Magnification: 25X  
 Field of view: 3.50 mm  $\phi$   
 Min. scale division: 0.05 mm  
 Size: 20.7  $\phi$  × 111 mm  
 Net weight: 25 gm.

**2050-75**

- 2050-50 Magnification: 50X  
 Field of view: 1.70 mm  $\phi$   
 Min. scale division: 0.02 mm  
 Size: 20.7  $\phi$  × 111 mm  
 Net weight: 26 gm.

**2050-100**

- 2050-75 Magnification: 75X  
 Field of view: 1.10 mm  $\phi$   
 Min. scale division: 0.01 mm  
 Size: 20.7  $\phi$  × 111 mm  
 Net weight: 28 gm.

- 2050-100 Magnification: 100X  
 Field of view: 0.86 mm  $\phi$   
 Min. scale division: 0.005 mm  
 Measuring range: 1.60 mm  
 Size: 20.7  $\phi$  × 111 mm  
 Net weight: 28 gm.

**2051-30**  
**Hand**  
**Microscope**



Small in size and light in weight. The model gives you high power resolution, brightness and wide visual field by a longer barrel.

2051-30 Magnification: 30X  
Field of view: 5.8 mm  $\phi$   
Size: 28  $\phi$   $\times$  157 mm  
Net weight: 115 gm.

**2051-60**



2051-60 Magnification: 60X  
Field of view: 3.5 mm  $\phi$   
Size: 28  $\phi$   $\times$  139 mm  
Net weight: 100 gm.

**2052**  
**Scale**  
**Lupe**  
**3X**



This Scale Lupe differs in shape from the one ever supplied, allowing for wide visual field of 58 mm with less aberration.

Magnification: 3X  
Field of view: 58 mm  $\phi$   
Effective aperture: 59 mm  $\phi$   
Min. scale division: 0.1 mm  
Size: 76  $\times$  105  $\times$  96 mm  
Net weight: 378 gm.

**2053**  
**Folding**  
**Lupe**



The desk magnifier having a large square lens made of acrylic resin with hard coating on the surface of both sides. Compact storage possible with metal legs folded. Comes with three lenses of 2X, 5X and 10X.

Lens size and magnifications:  
G1: 103  $\times$  139 mm 2X  
G2: 15 mm  $\phi$  10X  
G3: 20  $\times$  25 mm 5X  
Overall dimensions:  
180  $\times$  295  $\times$  145 mm (at operating position)  
180  $\times$  180  $\times$  39 mm (when folded)  
Net Weight: 456 gm.

**2054-20**  
**2054-20EIM**  
**Wide Stand Microscope II**



THE WIDE STAND MICROSCOPE with focusing by a smooth rack and pinion with knob on both sides of microscope. Erect images models made with prism included are also available.

2054-20 Magnification: 20X  
2054-20EIM Field of view: 7.2 mm  $\phi$   
Min. scale division: 0.10 mm  
0.05"  
Measuring range: 6.0 mm  
Working distance: 36.0 mm  
Size: 63  $\phi$   $\times$  172 mm  
Net weight: 307 gm.

**2054-40**  
**2054-40EIM**

2054-40 Magnification: 40X  
2054-40EIM Field of view: 3.6 mm  $\phi$   
Min. scale division: 0.05 mm  
0.002"  
Measuring range: 3.0 mm  
Working distance: 18.7 mm  
Size: 63  $\phi$   $\times$  172 mm  
Net weight: 306 gm.

**2054-60**  
**2054-60EIM**

2054-60 Magnification: 60X  
2054-60EIM Field of view: 2.4 mm  $\phi$   
Min. scale division: 0.02 mm  
0.001"  
Measuring range: 2.0 mm  
Working distance: 10.8 mm  
Size: 63  $\phi$   $\times$  172 mm  
Net weight: 309 gm.

**2054-100**  
**2054-100EIM**

2054-100 Magnification: 100X  
2054-100EIM Field of view: 1.45 mm  $\phi$   
Min. scale division: 0.01 mm  
0.0005"  
Measuring range: 1.2 mm  
Working distance: 5.7 mm  
Size: 63  $\phi$   $\times$  172 mm  
Net weight: 313 gm.

**2054-150**

2054-150 Magnification: 150X  
Field of view: 0.96 mm  $\phi$   
Min. scale division: 0.005 mm  
0.0002"  
Measuring range: 0.9 mm  
Working distance: 9.2 mm  
Size: 63  $\phi$   $\times$  172 mm  
Net weight: 314 gm.

**2054-200**

2054-200 Magnification: 200×  
 Field of view: 0.72 mm  $\phi$   
 Min. scale division: 0.002 mm  
 0.0001"  
 Measuring range: 0.6 mm  
 Working distance: 6.7 mm  
 Size: 63  $\phi$  × 172 mm  
 Net weight: 316 gm.

**2054-300**

2054-300 Magnification: 300×  
 Field of view: 0.48 mm  $\phi$   
 Min. scale division: 0.001 mm  
 Measuring range: 0.2 mm  
 Working distance: 4.0 mm  
 Size: 63  $\phi$  × 172 mm  
 Net weight: 314 gm.

**2054-40CIL**  
**Wide**  
**Stand**  
**Microscope II CIL**



Lighting by co-axial incident light illumination.  
 Focusing by a smooth rack and pinion is possible.

2054-40CIL Magnification: 40×  
 Field of view: 3.6 mm  $\phi$   
 Min. scale division: 0.05 mm  
 0.002"  
 Measuring range: 3.0 mm  
 Working distance: 18.7 mm  
 Size: 69  $\phi$  × 172 mm  
 Net weight: 393 gm.

**2054-60CIL**

2054-60CIL Magnification: 60×  
 Field of view: 2.4 mm  $\phi$   
 Min. scale division: 0.02 mm  
 0.001"  
 Measuring range: 2.0 mm  
 Working distance: 10.8 mm  
 Size: 69  $\phi$  × 172 mm  
 Net weight: 393 gm.

**2054-100CIL**

2054-100CIL Magnification: 100×  
 Field of view: 1.45mm  $\phi$   
 Min. scale division: 0.01 mm  
 0.0005"  
 Measuring range: 1.2 mm  
 Working distance: 5.7 mm  
 Size: 69  $\phi$  × 172 mm  
 Net weight: 394 gm.

**2054-150CIL**

2054-150CIL Magnification: 150×  
 Field of view: 0.96 mm  $\phi$   
 Min. scale division: 0.005 mm  
 0.0002"  
 Measuring range: 0.9 mm  
 Working distance: 9.2 mm  
 Size: 69  $\phi$  × 172 mm  
 Net Weight: 394 gm.

**2054-200CIL**

2054-200CIL Magnification: 200×  
 Field of view: 0.72 mm  $\phi$   
 Min. scale division: 0.002 mm  
 0.0001"  
 Measuring range: 0.6 mm  
 Working distance: 6.7 mm  
 Size: 69  $\phi$  × 172 mm  
 Net weight: 394 gm.

**2054-300CIL**

2054-300CIL Magnification: 300×  
 Field of view: 0.48mm  $\phi$   
 Min. scale division: 0.001 mm  
 Measuring range: 0.2 mm  
 Working distance: 4.0 mm  
 Size: 69  $\phi$  × 172 mm  
 Net weight: 393 gm.

**2055**  
**Scale Lupe 20×**



3-element, 2-group, coated. High resolution and wide field of view make scale reading easy.

Magnification: 20×  
 Field of view: 12 mm  $\phi$   
 Size: 35  $\phi$  × 23 mm  
 Net weight: 35 gm.

**2055-L**  
**Light Scale Lupe 20×**



Attachment of an illuminating device to a SCALE LUPE 20× has greatly improved its inspection capability.

Size: 43 φ × 65 × 184 mm  
Net weight: 64 gm.

**2056-25**  
**Pocket Microscope EI**



A fountain pen-type microscope with a roof built in. Handy for carrying. Objects can be observed in erect image. A reticle scale is not available.

2056-25 Magnification: 25×  
Field of view: 3.50 mm φ  
Size: 20.7 φ × 111 mm  
Net weight: 25 gm.

**2056-50**

2056-50 Magnification: 50×  
Field of view: 1.70 mm φ  
Size: 20.7 φ × 111 mm  
Net weight: 26 gm.

**2066**  
**Zoom Lupe 1020**



A high-performance product to enable the stepless change of magnification for zooming operation from 10× to 20×. Composed of 8 lenses in 6 groups.

Magnification: 10× to 20×  
Field of view: 13 φ to 7 φ  
Diopter adjust ring: +5D to -3.5D  
Min. Scale division: 0.1 mm, 0.005"  
Size: 42 φ × 52 mm  
Net weight: 95 gm.

**5100**  
**Long Distance**  
**Microscope**  
**LDM-40**



High-performance long distance microscope enabling to observe an object sharply from a distance of 200mm to that of infinity.

Magnification: 27×~8×  
Field of view: 5.5~19.0mm φ  
Size: 46 φ × 316~277 mm  
Net weight: 414 gm.