

HIGH MAGNIFICATION READING MAGNIFIERS

High quality aspherical plastic lens with hard coated, lightweight body, plastic frame and handle.



Model No.	E3571	E3572	E3573
Magnification	8x	10x	6x
Lens diameter	35mm	35mm	55mm
Weight	27g	27g	55g
Packing	200pcs	200pcs	200pcs
Measurement	0.021M3	0.021M3	0.076M3
Gross weight	10kg	10kg	15.5kg

*MADE IN JAPAN

No. E3571
8x(28D)

No. E3572
10x(36D)

No. E3573
6x(20D)

READING MAGNIFIERS

Aspherical plastic lens with hard coated, lightweight body, plastic frame and handle.



Model OP-45A

Model No. (Grey)	OP-41A	OP-42A	OP-43A
(Light Grey)	OP-41AW	OP-42AW	OP-43AW
Magnification	4x	3.5x	3x
Lens diameter	50mm	63mm	76mm
Weight	37g	51g	86g
Packing	20doz	20doz	20doz
Measurement	0.09M3	0.11M3	0.144M3
Gross weight	18kg	22kg	24kg

*MADE IN JAPAN



Model OP-45AW

Model No. (Grey)	OP-44A	OP-45A	OP-46A
(Light Grey)	OP-44AW	OP-45AW	OP-46AW
Magnification	2.3x	2x	2.3x
Lens diameter	89mm	100mm	50x100mm
Weight	108g	136g	86g
Packing	10doz		
Measurement	0.107M3		
Gross weight	22kg		

*MADE IN JAPAN

Glass lens, chrome plated brass frame and ebonite handle.



No.2652 No.2656
No.2653 No.2657
No.2654 No.2658
No.2655 No.2659

Model No.	2652	2653	2654
Magnification	3.5x	2.5x	2.3x
Lens diameter	50mm	65mm	75mm
Weight	45g	87g	107g
Packing	30doz	24doz	16doz
Measurement	0.05M3	0.06M3	0.06M3
Gross weight	20kg	26kg	25kg

Model No.	2655	2656
Magnification	2x	2x
Lens diameter	90mm	100mm
Weight	177g	207g
Packing	12doz	8doz
Measurement	0.08M3	0.06M3
Gross weight	31kg	27kg

DESK MAGNIFIERS

Acrylic lens, bright image over whole field of view, with pouch.



Model No.	E321	C6912
Magnification	2x	2x
Lens diameter	95mm	65mm
Weight	380g	145g
Packing	30pcs	60pcs
Measurement	0.036M3	0.033M3
Gross weight	16.5kg	13.5kg

Glass and acrylic lenses, bright image over field of view, plastic frame and stand



Model No.	R328
Magnification	6x
Lens diameter	80mm
Weight	270g
Packing	60pcs
Measurement	0.06M3
Gross weight	21.5kg

***MADE IN JAPAN**

FOLDING TYPE POCKET MAGNIFIERS

62mm or 75mm high quality acrylic resin lens with hard coated, with leather case with enamel finish.



*Available colors : Blue, White, Pink and Brown

Model No.	R2083	R2085
Magnification	3x	2.5x
Lens diameter	62mm	75mm
Weight	35g	42g

***MADE IN JAPAN**



Leather case with enamel finish

Glass lens, with leather case



Model No.	R2220	3155
Magnification	3.5x	3.5x
Lens diameter	45mm	50mm
Weight	30g	45g
Packing	20doz	30doz
Measurement	0.04M3	0.067M3
Gross weight	10kg	23kg

***MADE IN JAPAN**

Available colors : R2220-4(Black), R2220-7(Dark red) and R2220-9(Brown)
 : 3155-BL(Black), 3155-BR(Brown) and 3155-DR(Dark Red)
 : 3155-WH(White), 3155-PI(Pink)

Glass lens, with leather case.



Model No.	2644N
Magnification	3.5x
Lens diameter	45mm
Weight	31g
Packing	30doz
Measurement	0.05M3
Gross weight	17kg

***MADE IN JAPAN**

Available colors : Black and Brown

INSPECTION MAGNIFIERS

Top quality triplet lens, aluminum die-casting body, black matt finish, with pouch.



Model No.	R2450	
Magnification	10x	
Lens diameter	18mm	
Weight	40g	
Packing	30doz	
Measurement	0.032M3	
Gross weight	23kg	

***MADE IN JAPAN**

Our designed triplet lens is free from distortion and chromatic aberration.

Doublet lens, chrome plated, brass frame and housing.



No.2730
No.2732

Model No.	2730	2732
Magnification	10x	10x
Lens diameter	13mm	21mm
Weight	22g	56g
Packing	40doz	30doz
Measurement	0.034M3	0.032M3
Gross weight	22kg	22kg

***MADE IN JAPAN**

Achromatic lens (Model 2733) / Triplet lens (Model 2734), Chrome plated, brass frame and housing.



No.2733
No.2734

Model No.	2733	2734
Magnification	10x	20x
Lens diameter	16mm	14mm
Weight	30g	26g
Packing	40doz	60doz
Measurement	0.034M3	0.054M3
Gross weight	22kg	26kg

***MADE IN JAPAN**

Achromatic lens, chrome plated, brass frame and housing.



No.2062
No.2063
No.2064

Model No.	2062	2063	2064
Magnification	10x	15x	20x
Lens diameter	15mm	15mm	15mm
Weight	36g	46g	46g
Packing	36doz	36doz	36doz
Measurement	0.028M3	0.028M3	0.028M3
Gross weight	20kg	20kg	20kg

***MADE IN JAPAN**

Doublet lens, chrome plated zinc frame and iron housing.



No.2721
No.2722

Model No.	2721	2722
Magnification	10x	10x
Lens diameter	15mm	21mm
Weight	20g	36g
Packing	72doz	48doz
Measurement	0.04M3	0.046M3
Gross weight	21kg	25kg

***MADE IN JAPAN**

Chrome plated, brass frame and housing.



No.R229



No.R230

Model No.	R229	R230
Magnification	10x	18x
Lens diameter	15mm	15mm
Weight	30g	44g
Packing	30doz	20doz
Measurement	0.034M3	0.034M3
Gross weight	19kg	19.5kg

*Model R229 : Achromatic lens Model R230 Quadruplet lens

***MADE IN JAPAN**

INSPECTION MAGNIFIERS

Model 2753W : Triplet lens, chrome plated, brass frame and housing
 Model R235G : Triplet lens, frame with rubber ring and gold plated (K24GP)



No.2753W



No.R235G

Model No.	2753W	R235G
Magnification	10x	10x
Lens diameter	16mm	16mm
Weight	36g	30g
Packing	36doz	30doz
Measurement	0.032M3	0.032M3
Gross weight	22kg	20.2kg

*MADE IN JAPAN

22mm top quality triplet lens, aluminum frame and housing with anodized coating



with pouch and strap

Model No.	R7529
Magnification	10x
Lens diameter	22mm
Weight	40g
Packing	100pcs
Measurement	0.04M3
Gross weight	11kg

Chrome plated, with two magnifier lens



No.2731

*Chrome plated,
 brass frame and housing



No.2748 No.2749

*Chrome plated,
 zinc frame and iron housing

Model No.	2731	2748	2749
Magnification	10x / 15x	10x / 20x	8x / 15x
Lens diameter	13mm / 7mm	21mm / 9mm	8mm / 15mm
Weight	28g	36g	78g
Packing	60doz	30doz	20doz
Measurement	0.037M3	0.051M3	0.032M3
Gross weight	28kg	24kg	25kg

*MADE IN JAPAN

ILLUMINATED MAGNIFIERS

LED Pocket Flash Loupe, Top quality triplet lens, with White LED/UV LED light & strap



Model No.	MI-22010L	MI-2115L
Magnification	10x	15x
Lens diameter	22mm	21mm
Battery	3pcs LR-44L	
Size (mm)	72x34x30mm	
Weight (w/LED unit)	40g	40g

*Shipment from Taiwan

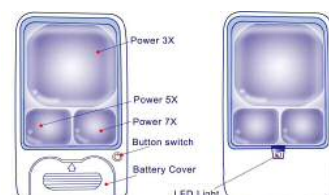
Acrylic resin lens, with flat type LED light, pouch, in blister packed.



R7504

Model No.	R7504/Black
Magnification	3x, 5x & 7x
Lens diameter	3x: 50x50mm / 5x&7x: 20x25mm
Battery	CR2032 : 2 pcs.
Weight	40g

*Shipment from Taiwan



ILLUMINATED MAGNIFIERS

Glass lenses, plastic body, with LED light. (w/o batteries)



No.R7519

No.2115 with transparent stand

Model No.	R7519	2115
Magnification	10x	15x
Lens diameter	26mm	21mm
Battery	3pcs.AAA,1.5V	
Battery life	About 40-50H	
Weight	44g	50g
Packing	100pcs	120pcs
Measurement	0.166M3	0.041M3
Gross weight	14.5kg	13kg

PMMA made aspherical lens, plastic body, with LED lights, soft case, strap, in a box. (w/o batteries)



Model No.	LWH009	LWH011
Magnification	9x	11x
Lens diameter		
Actual field of view	32mm	25mm
Battery	3pcs. AAA (No.4)	
Battery life	40-50H	
Weight	70g	
Packing	90pcs	
Measurement	0.041M3	
Gross weight	13kg	

Acrylic resin lens, lightweight body, plastic frame and handle, with LED light. (w/o battery)

*1 piece of AAA battery is needed.



Model No.	R2631	R2632	R2633
Magnification	3x	2.5x	2x
Lens diameter	65mm	75mm	90mm
Weight	50g	68g	87g
Packing	20doz	20doz	10doz
Measurement	0.13M3	0.15M3	0.11M3
Gross weight	25kg	28kg	18kg

*MADE IN JAPAN

Glass lens, plastic body, with LED light and scale. (w/o batteries)

*2 pieces of size C batteries are needed.



No.M100

No.M170

No.M320

No.M321

Model No.	M100	M170
Magnification	10x	7x
Lens diameter	30mm	32mm
Weight	100g	95g
Packing	120pcs	120pcs
Measurement	0.108M3	0.108M3
Gross weight	23kg	23kg

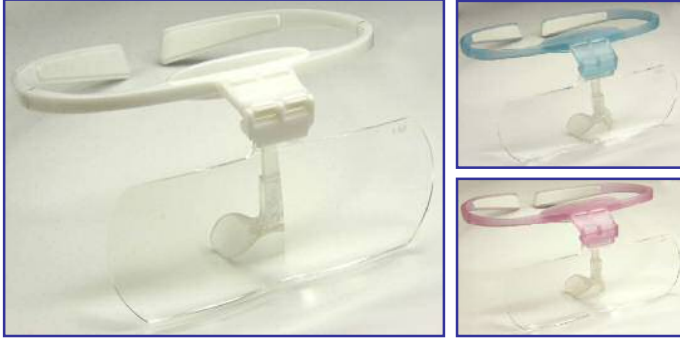
*MADE IN JAPAN

Model No.	M320	M321
Magnification	2x	3.5x
Lens diameter	80mm	80mm
Weight	230g	230g
Packing	48pcs	48pcs
Measurement	0.110M3	0.110M3
Gross weight	15kg	17kg

*MADE IN JAPAN

BINOCULAR MAGNIFIERS

Lightweight binocular magnifiers 1.6x or 2x, with pouch in a box. Available colors : White, Blue or Pink



Model No	R1178	R1178
Magnification	1.6x	2x
Focal length	220-350mm	120-170mm
Lens size	110mm x 40mm	
Weight	38g	40g
Frame material	TR90	
Nose pads material	Elastomer	
Lens material	Acrylic resin with hard-coated	

*MADE IN JAPAN

Half frame type, with acrylic resin lens, hard case.



Model No.	HF10-2	HF10-2.5	HF10-3
Magnification	2x	2.5x	3x
Lens diameter	28x74mm	28x74mm	28x74mm
Weight	40g	40g	40g
Packing	100pcs	100pcs	100pcs
Measurement	0.056M3	0.056M3	0.056M3
Gross weight	14.5kg	14.5kg	14.5kg

*MADE IN JAPAN

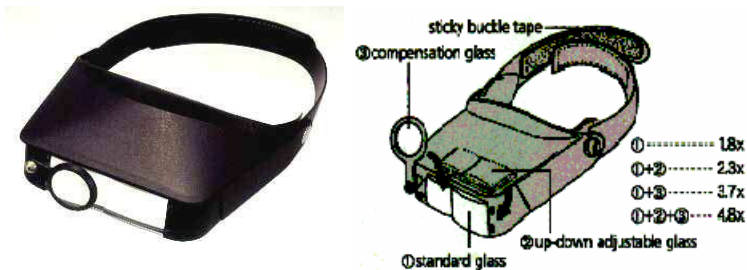
Clip type, with acrylic resin lens, with hard case.



Model No.	HF20-2	HF20-2.5	HF20-3
Magnification	2x	2.5x	3x
Lens diameter	28x74mm	28x74mm	28x74mm
Weight	20g	20g	20g
Packing	100pcs	100pcs	100pcs
Measurement	0.056M3	0.056M3	0.056M3
Gross weight	14.5kg	14.5kg	14.5kg

*MADE IN JAPAN

Headband type, acrylic resin lenses



Model No.	R7500
Magnification	1.8x, 2.3x, 3.7x and 4.8x
Lens diameter	49x103mm
Weight	117g

Headband type, acrylic resin lenses, with LED light



Model No.	LE-005
Magnification	1.8x, 2.3x, 3.7x, 4.8x
Lens diameter	87mmx30mm & 27mm
Battery	3pcs.AAA(No.4), 1.5V
Weight	200g

*Shipment from Taiwan

Headband type, acrylic resin lens, with 4 lenses, light. (w/o batteries)



Model No.	R7501
Magnification	1.2x, 1.8x, 2.5x and 3.5x
Lens diameter	29x86mm, 27mm
Battery	2pcs.AAA(No.4), 1.5V
Weight	111g
Packing	20pcs
Measurement	0.106M3
Gross weight	14.5kg

BINOCULAR MAGNIFIERS

Headband type, acrylic resin lens, with 4 lenses and LED light. (w/o batteries)



Model No.	R7502
Magnification	1.5x, 2x, 2.5x and 3.5x
Lens diameter	49x103mm
Battery	3pcs.AAA (No.4), 1.5V
Battery life	40-50H under cotinuous use
Weight	180g
Packing	20pcs
Measurement	0.106M3
Gross weight	14.5kg

LINEN TESTERS



No.2800
No.2809
No.2805



No.2803
No.2804



No.3300



No.3301
No.3302

Model No.	2800	2809	2805	2805S	2806	2806S	2801
Magnification	9x		8x		8x		6x
Lens diameter	13mm		19mm		19mm		28mm
Lens material	Glass		Glass		Glass		Glass
Body material	Aluminum		Aluminum		Aluminum		Aluminum
Body color	Silver	Black	Silver		Black		Silver
Scale	10mm or 1/2"		15mm or 3/4"	20mm	15mm or 3/4"	20mm	25mm or 1"
Weight	16g		26g		26g		42g
Packing	120doz		50doz		50doz		30doz
Measurement	0.029M3		0.029M3		0.029M3		0.029M3
Gross weight	24kg		21kg		21kg		19kg

Model No.	2802	2803	2804	3300	3301	3302
Magnification	6x	6x		6x	8x	9x
Lens diameter	28mm	28mm		20mm	19mm	13mm
Lens material	Glass	Glass		Glass	Glass	Glass
Body material	Aluminum	Aluminum		Metal	Metal	Metal
Body color	Black	Silver	Black	Black	Black	Black
Scale	25mm or 1"	25mm or 1"		20mm & 1"	15mm or 3/4"	10mm or 1/2"
Weight	42g	54g		60g	46g	26g
Packing	30doz	24doz		24doz	30doz	36doz
Measurement	0.029M3	0.04M3		0.02M3	0.023M3	0.026M3
Gross weight	19kg	20kg		20kg	22kg	22kg

*MADE IN JAPAN

*with pointer needle

LED STAND MAGNIFIERS

PMMA lens, 16 pcs LED, flexible arm, ferrite magnet base, with AC/DC adater, desk clamp in a box.



With desk clamp



LED illuminator *Shipment from Taiwan

Model No.	E1991
Magnification	2x / 4x
Lens diameter	95mm / 25mm
Battery	AA type : 4 pcs
Battery life	40H
Input	100V-240V, 50/60Hz
Output	5V 0.6A
Weight	615g
Packing	10pcs
Measurement	0.108M3
Gross weight	14kg

STAND MAGNIFIERS

193x140mm Fresnel lens, with handle and stand



Model No.	1580
Magnification	1.8x
Lens diameter	193x140mm
Weight	93g
Packing	180pcs
Measurement	0.09M3
Gross weight	12kg

*MADE IN JAPAN

215x260mm Fresnel lens, with stand



Model No.	E327
Magnification	1.8x
Lens diameter	215x260mm
Weight	1.9kg
Packing	6pcs
Measurement	0.029M3
Gross weight	14.5kg

*MADE IN JAPAN

CLIP TYPE FLEXIBLE MAGNIFIER

Acrylic lens, plastic frame and body, with flexible arm and clip



Model No.	1701
Magnification	4x
Lens diameter	30mm
Weight	14g
Packing	300pcs
Measurement	0.043M3
Gross weight	9kg

*MADE IN JAPAN

WATCHMAKER'S MAGNIFIERS

Glass lens(es), plastic body



No.8005

No.8008

Model No.	8008
Magnification	12x and 5x
Lens diameter	16mm and 23.5mm
Weight	10g

Model No.	8005-26D	8005-20D	8005-16D	8005-13D	8005-11D	8005-10D	8005-8D
Magnification	7.7x	6x	5x	4.4x	3.8x	3.5x	3x
Lens diameter	23.5mm	23.5mm	23.5mm	23.5mm	23.5mm	23.5mm	23.5mm
Focal Length	1-1/2"	2"	2.5"	3"	3.5"	4"	5"
Weight	8g	8g	8g	8g	8g	8g	8g

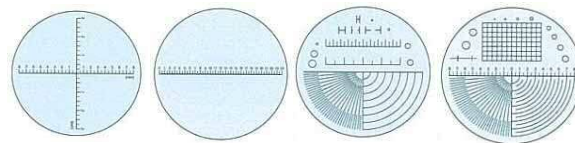
MEASURING MAGNIFIERS

Fully coated optics, with one scale.



No.M1207

No.M1210



No.1

0.6" and 16mm

No.2

16mm

No.3

Angle, Radius, diameter, width for inch

No.4

Angle, Radius, diameter, width for mm

Model No.	M1207	M1210
Magnification	7x	10x
Lens diameter	25mm(4 elements, 4 lenses)	19mm(2 elements, 3 lenses)
Weight	84g	43g

OPERA GLASSES

Near Focusing binocular



Hands free type

Model No.	9N
Magnification	2.8x
Objectives	28mm
Height	34mm
Width	131mm
Weight	70g
Packing	50pcs
Measurement	0.06M3

NEAR FOCUS MONOCULARS

**Near focusing monoculars
Fully multi-coated optics**

**Finger clip (B7051 and B7052)
Stand with LED light (B7053, B7054 & B7055)**



B7051
2.8x9mm
w/finger clip

B7052
4.2x10mm
w/finger clip

B7053
4x12mm

B7054
6x16mm



B7055
8x20mm

B7057
Stand with
LED light

Model	B7051	B7052	B7053	B7054	B7055	B7057
Magnification	2.8X9mm	4.2x10mm	4x12mm	6x16mm	8x20mm	About 3x
Near focus distance	15cm	20cm	20cm	23cm	30cm	
Field of view (degree)	12.5	10	12.5	9.3	6.8	
Height	46mm	51mm	58mm	72mm	98mm	87mm
Width	22mm	22mm	31mm	31mm	34mm	62mm
Weight	28g	30g	55g	65g	112g	65g
Magnification with LED stand	N/A	N/A	12x	18x	24x	

***MADE IN JAPAN**

RADIUS GAUGE

**To measure the lens diopter
Refractive index of radius gauge : 1.525**

To calculate the radius of curvature



Model No.	591
Measuring Range	0 - 17D
M/M graduation	0.25D
Weight	80g

***MADE IN JAPAN**