

CARTON OPTICS CATALOG 2014

BINOCULARS / OPERA GLASSES / MONOCULARS / MAGNIFIERS / MICROSCOPES



Carton



BINOCULARS / OPERA GLASSES

COMPACT SIZE BINOCULARS

BK-7 prisms
Focusing system



B5329 Champagne Gold B5300 Burgundy

Multi-coated optics
Beautiful metallic colored body

Model No.	B5300/B5329
Magnification	7x
Objectives	21mm
Field of view (degree)	7.5
Field at 1,000m	131m
Exit pupil diameter	3mm
Brightness	9
Size	71mmx100mm
Weight	155g
Packing	50pcs
Measurement	0.06M3

Focus-Free



B5284 Black B5280 Burgundy

Model No.	B5280/B55284
Magnification	6x
Objectives	21mm
Field of view (degree)	7.2
Field at 1,000m	126m
Exit pupil diameter	3.5mm
Brightness	12.3
Size	71mmx100mm
Weight	155g
Packing	50pcs
Measurement	0.06M3

Folding type
Fully coated optics



B5191 8x21 DCF B5192 10x25 DCF

Multi coated on objective lenses
BK-7 roof prisms

Model No.	B5191	B5192
Magnification	8x	10x
Objectives	21mm	25mm
Field of view (degree)	7	5.5
Field at 1,000m	123m	96m
Exit pupil diameter	2.63mm	2.5mm
Brightness	6.9	6.25
Height	96mm	116mm
Width	105mm	
Weight	200g	220g
Packing	50pcs	
Measurement	0.05M3	

OPERA GLASSES

K24 Gold plated
Focus Free



B5402 Marble B5403 Brown B5404 Blue

Fully magenta coated optics
With strap, soft case, in a box.

Model No.	B5402-B5404
Magnification	3x
Objectives	17mm
Height	47mm
Width	87mm
Weight	100g
Packing	50pcs
Measurement	0.03M3

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

Monoculars / Spottingscopes

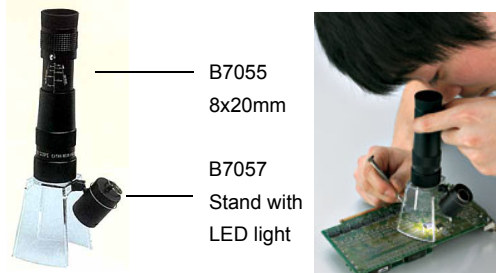
NEAR FOCUS MONOCULARS

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

SPOTTING SCOPES

Waterproof
Fully multi-coated optics
BaK-4 prisms

Phase coated on prisms (45° inclined type)
Black rubber covered body



*Straight type is also available.

Model No.	TE-001	TE-002	TE-003
	45° inclined type		
Magnification	12x-36x	15x-45x	16x-50x
Objectives	50mm	60mm	70mm
Focal length	250mm	300mm	350mm
Field at 1,000m	59.6 - 29.8m	49.6 - 24.9m	42.6 - 21.4m
Field of view (degree)	3.4 - 1.7	2.84 - 1.4	2.44 - 1.2
Brightness	17.4 - 1.9	16 - 1.8	19 - 1.9
Exit pupil diameter	4.2 - 1.4mm	4 - 1.3mm	4.4 - 1.4mm
Tripod socket	Rotative type		
Weight	910g	1,110g	1,365g

Waterproof
45° inclined type
Fully multi-coated optics

BaK-4 porro prism
Phase coated on prisms
Black rubber covered body



Model TE-007ED 17x-52x65mm

Model No.	TE-007	TE-008
Magnification	17x-52x	20x-60x
Objectives	65mm	77mm
Focal length	360mm	432mm
Field at 1,000m	42.6-21.4m	34.6-17.5m
Field of view (degree)	2.44-1.22	1.98-1.0
Exit Pupil	3.8-1.25mm	3.8-1.3mm
Eye Relief	18.7-16.5mm	18.7-16.5mm
Brightness	14.6-1.56	14.8-1.6
Weight	1.230g	1.545g
Length	365mm	447mm

- ditto -, but ED glass lens



Model TE-008ED 20x-60x77mm

Model No.	TE-007ED	TE-008ED
Magnification	17x-52x	20x-60x
Objectives	65mm	77mm
Focal length	365mm	440mm
Field at 1,000m	41-20m	34-17m
Field of view (degree)	2.33-1.17	1.94-0.97
Exit Pupil	3.8-1.25mm	3.8-1.3mm
Eye Relief	18.7-16.5mm	18.7-16.5mm
Brightness	14.6-1.56	14.8-1.6
Weight	1.460g	1.830g
Length	370mm	457mm

*MADE IN JAPAN

HIGH MAGNIFICATION READING MAGNIFIERS

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



No. E3571 8x(28D)
No. E3572 10x(36D)

No. E3573 6x(20D)

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

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



No. R254 5x(16D)

No. R257 4x(12D)

Model No.	R254	R257
Magnification	5x	4x
Lens diameter	55mm	75mm
Weight	45g	48g
Packing	20doz	10doz
Measurement	0.110M3	0.102M3
Gross weight	22kg	20kg

*MADE IN JAPAN

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



Model OP-45AW

Model No. (Grey)	OP-44A	OP-45A	
(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

READING MAGNIFIERS

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

READING MAGNIFIERS

45mm acrylic lens with hard coated, bright image, lightweight body, plastic frame and handle.



Model No.	180
Magnification	3x
Lens diameter	45mm
Weight	15g
Packing	200pcs
Measurement	0.064M3
Gross weight	7kg

*MADE IN JAPAN

DESK MAGNIFIERS

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



Model No.	E321	C6911	C6912	C6913
Magnification	2x	2x	2x	2x
Lens diameter	95mm	80mm	65mm	50mm
Weight	380g	235g	145g	61g
Packing	30pcs	40pcs	60pcs	100pcs
Measurement	0.036M3	0.029M3	0.033M3	0.035M3
Gross weight	16.5kg	13.4kg	13.5kg	11.7kg

Crystal glass, bright image, in a gift box.



Model No.	E326
Magnification	2x
Lens diameter	75x30mm
Weight	280g

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

63mm high quality acrylic resin lens with hard coated, with INDEN-YA's leather case.



Model No.	R2083
Magnification	3x
Lens diameter	63mm
Weight	62g

*MADE IN JAPAN

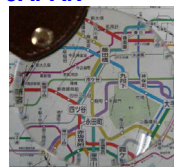
INDEN-YA is founded in 1592 and have a unique technique for applying lacquer to deerskin.

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



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

*MADE IN JAPAN



High quality acrylic resin lens Leather case with enamel finish

*Available colors : Blue, White, Pink and Brown

FOLDING TYPE POCKET MAGNIFIERS

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.



NEW

Available colors : Black and Brown

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

***MADE IN JAPAN**

PENDANT MAGNIFIERS

Glass lens, gold or silver plated frame and chain, with AUSTRIAN crystal, in a pouch.



Available colors

- A9131 Crystal
- A9132 Topaz
- A9133 Sapphire
- A9134 Violet

Model No.	A913
Magnification	4x
Lens diameter	36mm
Weight	21g
Packing	150pcs
Measurement	0.085M3
Gross weight	8kg

***MADE IN JAPAN**

Glass lens, with chain and pouch in a plastic bag.



A9185

A9186

NEW

Available colors

- A9185 Pink
- A9186 Crystal
- A9187 Purple
- A9188 Brown



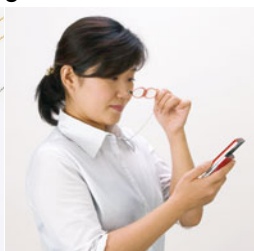
A9187

A9188



Model No.	A918
Magnification	5x
Lens diameter	21mm
Weight	23g

2.5D or 3.5D Glass lens, plastic frame, gold or silver colored chain, with crystal, in a pouch.



Model No.	330
Magnification	2.5D or 3.5D
Lens diameter	41x23mm
Weight	22g
Packing	120pcs
Measurement	0.035M3
Gross weight	9.5kg

***MADE IN JAPAN**

Model No.	Colors of frames
330-2.5OR	Orange
330-2.5V	Violet
330-2.5G	Green
330-2.5K	Khaki(Olive green)

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

Triplet lens, aluminum frame and chrome plated housing



No.R7520



No.R7525

Model No.	R7520	R7525
Magnification	10x	10x
Lens diameter	18mm	20.5mm
Weight	17g	55g
Packing	36doz	200pcs
Measurement	0.037M3	0.025M3
Gross weight	19kg	16.5kg

*Model R7520 : Hexagonal (one achromat) lens

*Model R7525 : Triplet lens



No.2731



No.2748

No.2749

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

*Chrome plated, brass frame and housing

*Chrome plated, zinc frame and iron housing

*MADE IN JAPAN

ILLUMINATED MAGNIFIERS

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



R7504

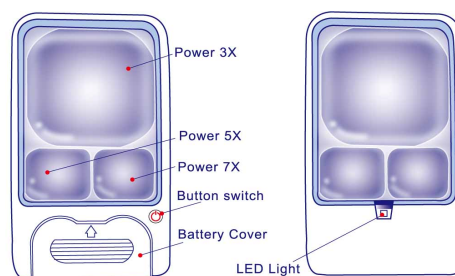


R7506



Pouch

Model No.	R7504/Black	R7506/Pink
Magnification	3x, 5x & 7x	
Lens diameter	3x: 50x50mm / 5x&7x: 20x25mm	
Battery	CR2032 : 2 pcs.	
Weight	40g	



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

ILLUMINATED MAGNIFIERS

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



Model No.	LWH005	LWH007	LWH009	LWH011
Magnification	5x	7x	9x	11x
Lens diameter	63mm			
Actual field of view	63mm	42mm	32mm	25mm
Battery	3pcs. AAA (No.4), 1.5V			
Battery life	40-50H under continuous use			
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.M50



Model No.	M50
Magnification	2.5x
Lens diameter	45x90mm
Weight	210g
Packing	48pcs
Measurement	0.128M3
Gross weight	21kg

***MADE IN JAPAN**



No.M100



No.M170

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**



No.M320
No.M321

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

NEW

Lightweight binocular magnifiers 1.6x or 2x, with pouch in a box. Available colors : Black or Brown



Model No	HF50-D	HF50-E
Magnification	1.6x	2x
Focal length	220-350mm	120-170mm
Lens size	110mm x 45mm	
Weight	33g	36g
Frame material	TR90	
Nose pads material	Elastomer	
Lens material	Acrylic resin with hard-coated	

You can wear the magnifier over eyeglasses.

Flip-up magnifier



Easy to replace the lens



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

*Two magnifier lenses (1.8x and 2.5x) are supplied.

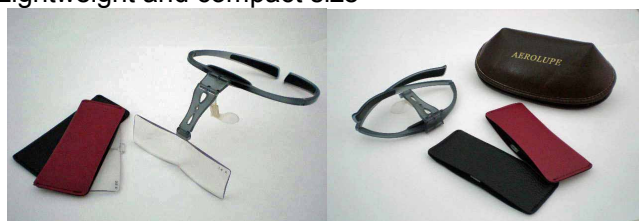
*Shape-memory resin (TR-90) head mount

*Easy-to-use and comfortable head mount

*High quality polycarbonate lens

*Lightweight and compact size

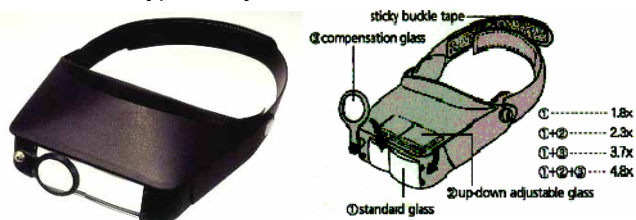
*With pouch



Model No.	R1177
Magnification	1.8x & 2.5x
Lens diameter	110x40mm
Weight	38g

*ASSEMBLED 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
Packing	48pcs
Measurement	0.142M3
Gross weight	11kg

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

SHEET MAGNIFIERS(FRESNEL LENS)



No.R102



No.1035



No.1030

Model No.	R102	1030	1035
Magnification	2x	2x	2x
Lens diameter	85x45mm	47x100mm	215x280mm
Weight	6g	6g	50g
Packing	3,000pcs	3,000pcs	500pcs
Measurement	0.028M3	0.028M3	0.043M3
Gross weight	20kg	19kg	27kg

*MADE IN JAPAN

LINEN TESTERS



No.2800 No.2806
No.2809 No.2801
No.2805 No.2802



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 adapter, desk clamp in a box.



With desk clamp



LED illuminator ***MADE IN 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 magnifier, 125mm white glass lens(es), 48 pcs LED, with AC/DC adapter.



Model No.	M1242	M1243
Magnification	2x	3.5x
Lens diameter	125mm	
Input	100V-240V, 50/60Hz	
Output	12V 0.5A	
Weight	3.3kg	3.7kg
Packing	2pcs	
Measurement	0.106M3	
Gross weight	12.5kg	12kg

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LONG ARM TYPE LED MAGNIFIER

Glass lens, 48 pcs LED, with desk clamp, AC/DC adapter, in a box.



Model No.	XR324	
Magnification	2x	
Lens diameter	127mm	
Input	100V-240V, 50/60Hz	
Output	12V 1A	
Weight	2.1kg	
Packing	3pcs	
Measurement	0.088M3	
Gross weight	10kg	

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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	

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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	

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STAND MAGNIFIERS

300x250mm High quality fresnel lens, with flexible arm and stand



Model No.	E1984
Magnification	1.8x
Lens diameter	300x250mm
Weight	1.4kg
Packing	6pcs
Measurement	0.128M3
Gross weight	13.5kg

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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
Packing	60doz
Measurement	0.074M3
Gross weight	17kg

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
Weight	8g	8g	8g	8g	8g	8g	8g
Packing	100doz	100doz	100doz	100doz	100doz	100doz	100doz
Measurement	0.094M3	0.094M3	0.094M3	0.094M3	0.094M3	0.094M3	0.094M3
Gross weight	18kg	18kg	18kg	18kg	18kg	18kg	18kg

MEASURING MAGNIFIERS

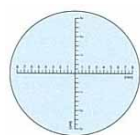
Fully coated optics, with one scale.



No.M1207

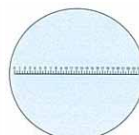


No.M1210



No.1

0.6" and 16mm



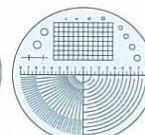
No.2

16mm



No.3

Angle, Radius, diameter, width for inch

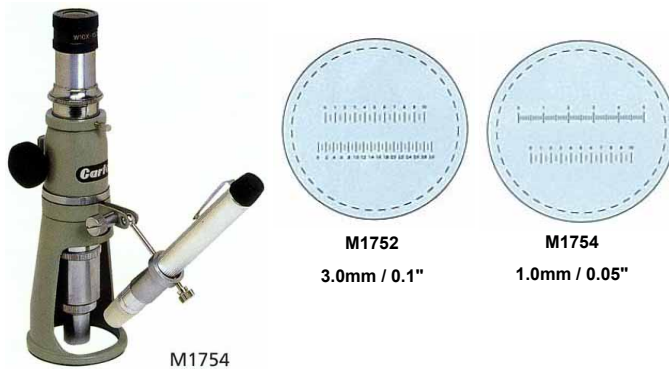


No.4

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
Packing	150pcs	200pcs
Measurement	0.057M3	0.046M3
Gross weight	20kg	17kg

SHOP MICROSCOPES



For printing, machining, inspection, measurements

Model No.	M1752	M1754
Magnification(Field of View)	40x(4.5mm)	100x(1.8mm)
Objective Lens	4x	10x
Focusable Eyepiece	10x with scale	10x with scale
Measuring Range	3.0mm / 0.1"	1.0mm / 0.05"
Working Distance	15mm	5.5mm
Height	200mm	
Width	65mm	
Net Weight	580g	
Accessory	Penlight	

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MICROSCOPE SET

Biological microscope 40x,100x and 400x, built-in LED illuminator with mirror, dissecting set and prepared slides in a box.



Model No.	M8070
Eyepiece	10x
Objectives	4x, 10x and 40x
Focusing Adjustment	Stage up-and-down movement type
Function	Inclined angle 45 deg.
Stage	90x90mm
Diaphragm	Rotatable disc type (8steps)
Illuminator	LED with mirror(Battery : 3 pcs. AA)
Height / Width	250x105mm
Weight	350g

STEREO MICROSCOPES

Compact size stereo microscope 20x, built-in LED illuminator, in a carrying case.



M8075

M8076

Model No.	M8075 / M8076
Eyepiece	WF10x(Field number : 18)
Objectives	2x
Focusing Adjustment	Body up-and-down movement type
Base	135x98mm
Illuminator	LED (Battery : 2pcs.AA)
Height	230mm
Weight	570g

POCKET MICROSCOPES WITH LIGHT



M783/M784

Model No.	M783	M784
Magnification	40x	100x
Weight	70g	

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**



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*Please note in advance that specifications may vary without prior notice.