



MEDICAL LOUPES&LIGHT

Ergo
Series

TTL
Series

Flip-up
Series

Clip-on
Light

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Ergo series

— Flip up type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFM-350X-S	3.5x	280-380mm	70-90mm	100mm	54g
EFM-350X-M	3.5x	360-460mm	70-90mm	100mm	54g
EFM-350X-L	3.5x	440-540mm	70-90mm	100mm	54g
EFM-350X-XL	3.5x	500-600mm	70-90mm	100mm	54g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFM-450X-S	4.5x	280-380mm	50-80mm	100mm	58g
EFM-450X-M	4.5x	360-460mm	50-80mm	100mm	58g
EFM-450X-L	4.5x	440-540mm	50-80mm	100mm	58g
EFM-450X-XL	4.5x	500-600mm	50-80mm	100mm	58g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFM-550X-S	5.5x	280-380mm	50-75mm	90mm	61g
EFM-550X-M	5.5x	360-460mm	50-75mm	90mm	61g
EFM-550X-L	5.5x	440-540mm	50-75mm	90mm	61g
EFM-550X-XL	5.5x	500-600mm	50-75mm	90mm	61g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFM-650X-S	6.5x	280-380mm	45-70mm	80mm	64g
EFM-650X-M	6.5x	360-460mm	45-70mm	80mm	64g
EFM-650X-L	6.5x	440-540mm	45-70mm	80mm	64g
EFM-650X-XL	6.5x	500-600mm	45-70mm	80mm	64g



Ergo series

— Flip up type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFS-350X-S	3.5x	280-380mm	70-90mm	100mm	54g
EFS-350X-M	3.5x	360-460mm	70-90mm	100mm	54g
EFS-350X-L	3.5x	440-540mm	70-90mm	100mm	54g
EFS-350X-XL	3.5x	500-600mm	70-90mm	100mm	54g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFS-450X-S	4.5x	280-380mm	50-80mm	100mm	58g
EFS-450X-M	4.5x	360-460mm	50-80mm	100mm	58g
EFS-450X-L	4.5x	440-540mm	50-80mm	100mm	58g
EFS-450X-XL	4.5x	500-600mm	50-80mm	100mm	58g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFS-550X-S	5.5x	280-380mm	50-75mm	90mm	61g
EFS-550X-M	5.5x	360-460mm	50-75mm	90mm	61g
EFS-550X-L	5.5x	440-540mm	50-75mm	90mm	61g
EFS-550X-XL	5.5x	500-600mm	50-75mm	90mm	61g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
EFS-650X-S	6.5x	280-380mm	45-70mm	80mm	64g
EFS-650X-M	6.5x	360-460mm	45-70mm	80mm	64g
EFS-650X-L	6.5x	440-540mm	45-70mm	80mm	64g
EFS-650X-XL	6.5x	500-600mm	45-70mm	80mm	64g

Features

1. Maximum benefits your neck and spine.
2. Light weight, comfortable to wear.
3. Easy to adjust PD
4. Match different lights
5. Various frame for optional



Ergo series

— TTL type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
AENM-400X	4.0x	300-600mm (adjustable)	80mm	110mm	56g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
AENM-500X	5.0x	300-600mm (adjustable)	75mm	70mm	58g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
AENM-600X	6.0x	300-600mm (adjustable)	75mm	70mm	58g



Features

1. Adjustable working distance, adapts to the doctor's sitting or standing surgical position
2. Fixed interpupillary distance tailored to your specifications.
3. Enhanced depth perception and superior clarity.
4. Maximum benefits your neck and spine

Ergo series

— TTL type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
JENM-350X-S	3.5x	280-380mm	80-100mm	100mm	61g
JENM-350X-M	3.5x	360-460mm	80-100mm	100mm	61g
JENM-350X-L	3.5x	440-540mm	80-100mm	100mm	61g
JENM-350X-XL	3.5x	500-600mm	80-100mm	100mm	61g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
JENM-450X-S	4.5x	280-380mm	60-90mm	100mm	65g
JENM-450X-M	4.5x	360-460mm	60-90mm	100mm	65g
JENM-450X-L	4.5x	440-540mm	60-90mm	100mm	65g
JENM-450X-XL	4.5x	500-600mm	60-90mm	100mm	65g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
JENM-550X-S	5.5x	280-380mm	60-85mm	90mm	75g
JENM-550X-M	5.5x	360-460mm	60-85mm	90mm	75g
JENM-550X-L	5.5x	440-540mm	60-85mm	90mm	75g
JENM-550X-XL	5.5x	500-600mm	60-85mm	90mm	75g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
JENM-650X-S	6.5x	280-380mm	55-80mm	80mm	73g
JENM-650X-M	6.5x	360-460mm	55-80mm	80mm	73g
JENM-650X-L	6.5x	440-540mm	55-80mm	80mm	73g
JENM-650X-XL	6.5x	500-600mm	55-80mm	80mm	73g



Ergo series

— TTL type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
ENM-350X-S	3.5x	280-380mm	80-100mm	100mm	47g
ENM-350X-M	3.5x	360-460mm	80-100mm	100mm	47g
ENM-350X-L	3.5x	440-540mm	80-100mm	100mm	47g
ENM-350X-XL	3.5x	500-600mm	80-100mm	100mm	47g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
ENM-450X-S	4.5x	280-380mm	60-90mm	100mm	51g
ENM-450X-M	4.5x	360-460mm	60-90mm	100mm	51g
ENM-450X-L	4.5x	440-540mm	60-90mm	100mm	51g
ENM-450X-XL	4.5x	500-600mm	60-90mm	100mm	51g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
ENM-550X-S	5.5x	280-380mm	60-85mm	90mm	54g
ENM-550X-M	5.5x	360-460mm	60-85mm	90mm	54g
ENM-550X-L	5.5x	440-540mm	60-85mm	90mm	54g
ENM-550X-XL	5.5x	500-600mm	60-85mm	90mm	54g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
ENM-650X-S	6.5x	280-380mm	55-80mm	80mm	57g
ENM-650X-M	6.5x	360-460mm	55-80mm	80mm	57g
ENM-650X-L	6.5x	440-540mm	55-80mm	80mm	57g
ENM-650X-XL	6.5x	500-600mm	55-80mm	80mm	57g

Features

- 1.Fixed interpupillary distance tailored to your specifications.
- 2.Enhanced depth perception and superior clarity.
- 3.Maximum benefits your neck and spine
- 4.Various lights to match

Universal Galileo

— Flip up type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21APM-250X	2.5x	300-580mm	150-170mm	200mm	42g
21APM-300X	3.0x	300-580mm	130-150mm	200mm	46g
21APM-350X	3.5x	300-580mm	110-130mm	200mm	50g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21APS-250X	2.5x	300-580mm	150-170mm	200mm	50g
21APS-300X	3.0x	300-580mm	130-150mm	200mm	55g
21APS-350X	3.5x	300-580mm	110-130mm	200mm	60g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21BPM-250X	2.5x	300-580mm	150-170mm	200mm	44g
21BPM-300X	3.0x	300-580mm	130-150mm	200mm	46g
21BPM-350X	3.5x	300-580mm	110-130mm	200mm	50g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21BPS-250X	2.5x	300-580mm	150-170mm	200mm	50g
21BPS-300X	3.0x	300-580mm	130-150mm	200mm	55g
21BPS-350X	3.5x	300-580mm	110-130mm	200mm	60g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
22APM-250X	2.5x	300-580mm	80-120mm	200mm	42g
22APM-300X	3.0x	300-580mm	70-110mm	200mm	46g
22APM-350X	3.5x	300-580mm	60-100mm	200mm	50g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
22APS-250X	2.5x	300-580mm	80-120mm	200mm	42g
22APS-300X	3.0x	300-580mm	70-110mm	200mm	46g
22APS-350X	3.5x	300-580mm	60-100mm	200mm	50g

Universal Galileo

— Headband type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21APH-250X	2.5x	300-580mm	150-170mm	200mm	120g
21APH-300X	3.0x	300-580mm	130-150mm	200mm	125g
21APH-350X	3.5x	300-580mm	110-130mm	200mm	130g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21BPH-250X	2.5x	300-580mm	150-170mm	200mm	130g
21BPH-300X	3.0x	300-580mm	130-150mm	200mm	135g
21BPH-350X	3.5x	300-580mm	110-130mm	200mm	140g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
22APH-250X	2.5x	300-550mm	80-120mm	200mm	120g
22APH-300X	3.0x	300-550mm	70-110mm	200mm	125g
22APH-350X	3.5x	300-550mm	60-100mm	200mm	130g

Universal Kepler

— Flip up type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKYM-400X-S	4.0x	280-380mm	60mm	80mm	60g
PKYM-400X-M	4.0x	360-460mm	65mm	80mm	60g
PKYM-400X-L	4.0x	440-540mm	70mm	80mm	60g
PKYM-400X-XL	4.0x	500-600mm	75mm	80mm	60g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKHM-400X-S	4.0x	280-380mm	60mm	80mm	75g
PKHM-400X-M	4.0x	360-460mm	65mm	80mm	75g
PKHM-400X-L	4.0x	440-540mm	70mm	80mm	75g
PKHM-400X-XL	4.0x	500-600mm	75mm	80mm	75g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKYM-500X-S	5.0x	280-380mm	55mm	80mm	62g
PKYM-500X-M	5.0x	360-460mm	60mm	80mm	62g
PKYM-500X-L	5.0x	440-540mm	65mm	80mm	62g
PKYM-500X-XL	5.0x	500-600mm	70mm	80mm	62g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKHM-500X-S	5.0x	280-380mm	55mm	80mm	79g
PKHM-500X-M	5.0x	360-460mm	60mm	80mm	79g
PKHM-500X-L	5.0x	440-540mm	65mm	80mm	79g
PKHM-500X-XL	5.0x	500-600mm	70mm	80mm	79g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKYM-600X-S	6.0x	280-380mm	50mm	80mm	70g
PKYM-600X-M	6.0x	360-460mm	55mm	80mm	70g
PKYM-600X-L	6.0x	440-540mm	60mm	80mm	70g
PKYM-600X-XL	6.0x	500-600mm	65mm	80mm	70g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKHM-600X-S	6.0x	280-380mm	50mm	80mm	86g
PKHM-600X-M	6.0x	360-460mm	55mm	80mm	86g
PKHM-600X-L	6.0x	440-540mm	60mm	80mm	86g
PKHM-600X-XL	6.0x	500-600mm	65mm	80mm	86g

Universal Kepler

— Headband type



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKYH-400X-S	4.0x	280-380mm	60mm	80mm	157g
PKYH-400X-M	4.0x	360-460mm	65mm	80mm	157g
PKYH-400X-L	4.0x	440-540mm	70mm	80mm	157g
PKYH-400X-XL	4.0x	500-600mm	75mm	80mm	157g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKYH-500X-S	5.0x	280-380mm	55mm	80mm	160g
PKYH-500X-M	5.0x	360-460mm	60mm	80mm	160g
PKYH-500X-L	5.0x	440-540mm	65mm	80mm	160g
PKYH-500X-XL	5.0x	500-600mm	70mm	80mm	160g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
PKYH-600X-S	6.0x	280-380mm	50mm	80mm	163g
PKYH-600X-M	6.0x	360-460mm	55mm	80mm	163g
PKYH-600X-L	6.0x	440-540mm	60mm	80mm	163g
PKYH-600X-XL	6.0x	500-600mm	65mm	80mm	163g



TTL Galileo



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
21NM-250X	2.5x	300-580mm	150-170mm	200mm	40g
21NM-300X	3.0x		130-150mm	200mm	45g
21NM-350X	3.5x		110-130mm	200mm	50g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
22NS-250X	2.5x	300-550mm	80-120mm	200mm	40g
22NS-300X	3.0x	300-550mm	70-100mm	200mm	45g
22NS-350X	3.5x	300-550mm	60-100mm	200mm	50g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
23NM-250X	2.5x	300-580mm	150-170mm	200mm	35g
23NM-300X	3.0x	300-580mm	130-150mm	200mm	36g
23NM-350X	3.5x	300-580mm	110-130mm	200mm	37g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
24NM-250X	2.5x	300-580mm	150-170mm	200mm	38g
24NM-300X	3.0x	300-580mm	130-150mm	200mm	40g
24NM-350X	3.5x	300-580mm	110-130mm	200mm	43g

**NEW
PRODUCT**



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
25NM-250X	2.5x	300-580mm	150-170mm	200mm	38g
25NM-300X	3.0x	300-580mm	130-150mm	200mm	40g
25NM-350X	3.5x	300-580mm	110-130mm	200mm	42g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
27NM-250X	2.5x	300-600mm	150-170mm	200mm	36g
27NM-300X	3.0x	300-600mm	130-150mm	200mm	37g
27NM-350X	3.5x	300-600mm	110-130mm	200mm	38g

TTL Kepler



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
GNYM-400X-S	4.0x	280-380mm	60mm	80mm	50g
GNYM-400X-M	4.0x	360-460mm	65mm	80mm	50g
GNYM-400X-L	4.0x	440-540mm	70mm	80mm	50g
GNYM-400X-XL	4.0x	500-600mm	75mm	80mm	50g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
GNHM-400X-S	4.0x	280-380mm	60mm	80mm	68g
GNHM-400X-M	4.0x	360-460mm	65mm	80mm	68g
GNHM-400X-L	4.0x	440-540mm	70mm	80mm	68g
GNHM-400X-XL	4.0x	500-600mm	75mm	80mm	68g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
GNYM-500X-S	5.0x	280-380mm	55mm	80mm	53g
GNYM-500X-M	5.0x	360-460mm	60mm	80mm	53g
GNYM-500X-L	5.0x	440-540mm	65mm	80mm	53g
GNYM-500X-XL	5.0x	500-600mm	70mm	80mm	53g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
GNHM-500X-S	5.0x	280-380mm	55mm	80mm	75g
GNHM-500X-M	5.0x	360-460mm	60mm	80mm	75g
GNHM-500X-L	5.0x	440-540mm	65mm	80mm	75g
GNHM-500X-XL	5.0x	500-600mm	70mm	80mm	75g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
GNYM-600X-S	6.0x	280-380mm	50mm	80mm	62g
GNYM-600X-M	6.0x	360-460mm	55mm	80mm	62g
GNYM-600X-L	6.0x	440-540mm	60mm	80mm	62g
GNYM-600X-XL	6.0x	500-600mm	65mm	80mm	62g



Series No.	Magnification	Working distance	Field of view	Depth of Field	Weight with frame
GNHM-600X-S	6.0x	280-380mm	50mm	80mm	85g
GNHM-600X-M	6.0x	360-460mm	55mm	80mm	85g
GNHM-600X-L	6.0x	440-540mm	60mm	80mm	85g
GNHM-600X-XL	6.0x	500-600mm	65mm	80mm	85g

Clip-on light

Model: MA JD2100
3w LED Headlight



Specifications:

Battery			
Series No.	MK04-B	MK04-E	MK04-C
Working hours	4 hrs	6 hrs	10 hrs
Working Voltage	DC 3.7V		
Bulb Life	50000hrs		
Power	3W		
Color Temperature	5000±500K (with yellow filter, optional)		
Charging Interface	USB/Type-C		
Adapter Voltage	100-240V AC 50/60HZ		
Lamp Head Weight	10g		
Light Intensity	30000Lux		
Facula Diameter at 42cm	180 mm		
Brightness Adjustable	Yes		
Spot Size Adjustable	No		

Model: MB JD2100
5w LED Headlight



Specifications:

Battery			
Series No.	MK06-B	MK06-E	MK06-C
Working hours	4 hrs	6 hrs	10 hrs
Working Voltage	DC 3.7V		
Bulb Life	50000hrs		
Power	5W		
Color Temperature	5000±500K, 4000±500k (with yellow filter, optional)		
Charging Interface	USB/Type-C		
Adapter Voltage	100-240V AC 50/60HZ		
Lamp Head Weight	10g		
Light Intensity	50000Lux		
Facula Diameter at 42cm	140 mm		
Brightness Adjustable	Yes		
Spot Size Adjustable	No		

Model: MC JD2100
7w LED Headlight



Specifications:

Battery			
Series No.	MK08-B	MK08-E	MK08-C
Working hours	4 hrs	6 hrs	10 hrs
Working Voltage	DC 3.7V		
Bulb Life	50000hrs		
Power	7W		
Color Temperature	5000±500K, 4000±500k (with yellow filter, optional)		
Charging Interface	USB/Type-C		
Adapter Voltage	100-240V AC 50/60HZ		
Lamp Head Weight	10g		
Light Intensity	70000Lux		
Facula Diameter at 42cm	90 mm		
Brightness Adjustable	Yes		
Spot Size Adjustable	No		

Clip-on light

Model: MD JD2100 15w LED Headlight



Specifications:

Battery			
Series No.	MK07-B	MK07-E	MK07-C
Working hours	4 hrs	6 hrs	10 hrs
Working Voltage	DC 3.7V		
Bulb Life	50000hrs		
Power	10W		
Color Temperature	5000±500K		
Charging Interface	USB/Type-C		
Adapter Voltage	100-240V AC 50/60HZ		
Lamp Head Weight	11g		
Light Intensity	10000Lux		
Facula Diameter at 42cm	95 mm		
Brightness Adjustable	Yes		
Spot Size Adjustable	No		

Model: ME JD2100 15w LED Headlight



Specifications:

Battery			
Series No.	MK09-B	MK09-E	MK09-C
Working hours	4 hrs	6 hrs	10 hrs
Working Voltage	DC 3.7V		
Bulb Life	50000hrs		
Power	15W		
Color Temperature	5000±500K (with yellow filter, optional)		
Charging Interface	USB/Type-C		
Adapter Voltage	100-240V AC 50/60HZ		
Lamp Head Weight	12g		
Light Intensity	15000Lux		
Facula Diameter at 42cm	95 mm		
Brightness Adjustable	Yes		
Spot Size Adjustable	Yes		

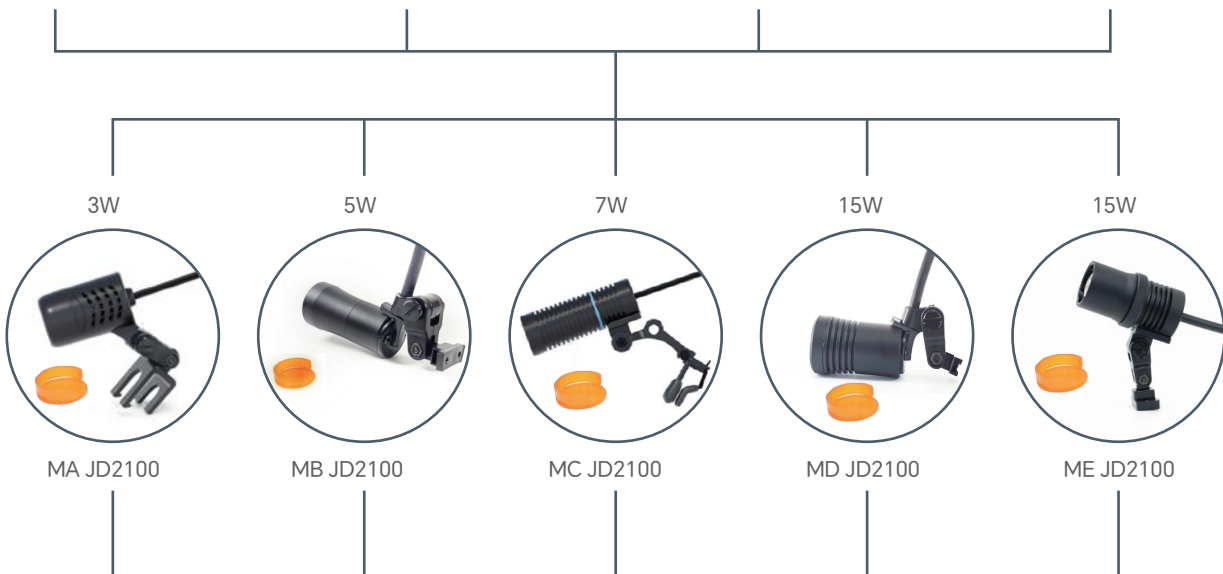
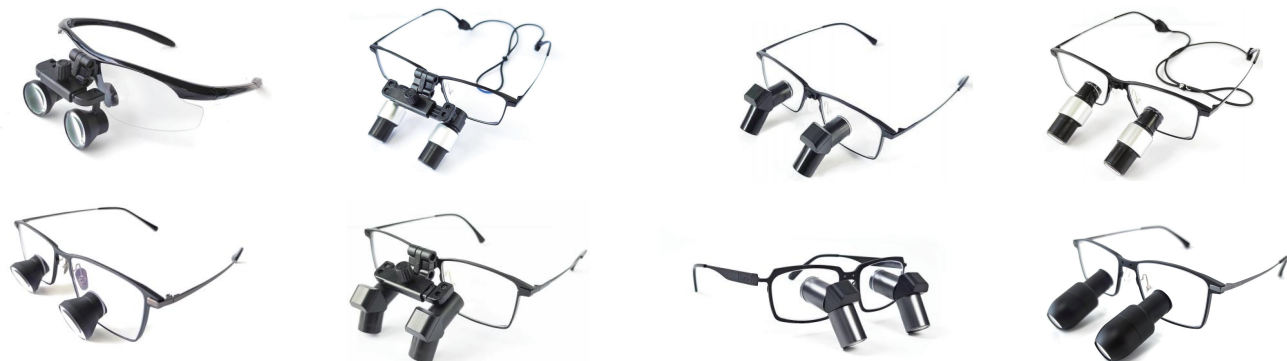
MF JD2100 (Only match AENM series ergo loupes) SJ-6500



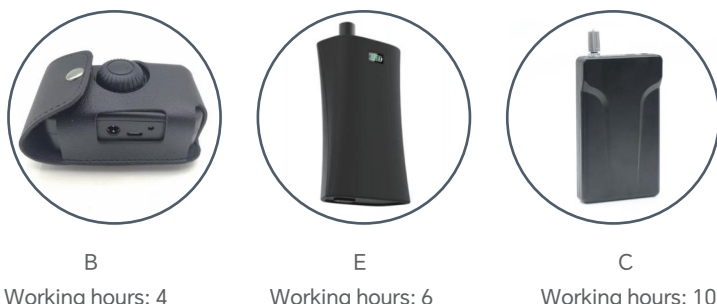
Specifications:

Battery weight	23.7g
Lamphead weight	13.2g
Brightness adjust	3 steps
Intensity	5000lux Max.
Power	5W
Color Temperature	5500-6500K
Battery work time	2.5hrs (at Max. intensity)
Battery quantity	2pcs
Battery charge time	3.5hrs
On/off mode	Touch

Clip-on light



Battery type





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