

# WE MAKE A DIFFERENCE !



Warm white light: comparable with conventional lamps as bulbs or gas discharged lamps to ensure usual optimum illumination during examination. Spectral composition of the light similar to bulbs, gas discharged lamps.



Cold white light And Warm Yellow light for more detailed and improved contrast images, particularly in the red spectrum. Spectral composition of the light allows a more detailed view of the vessels and areas with strong blood circulation due to enhanced absorption.



Illumination: LED-Ring. This technology makes the use of fibre optics unnecessary with nevertheless optimum illumination in the area of application. Field of vision is not restricted. All advantages of a single LED are fulfilled.



The surface of the instrument is coated with a special coating powder. The regular cleaning effort is reduced significantly and the high-quality appearance is retained for the long term



Light spot can be adjusted from a diameter of 2 cm up to 12 cm at an operating distance of 30 cm.



Illumination: LED bulb. Reduced energy consumption as well as a higher shock resistance ensure a significantly longer service life of approx. 50,000 - 100.000 hours. LEDs can be sterilized and are environmentally friendly.

# Surgical outcomes just got brighter

## TECHNICAL IN LED MEDICAL HEADLIGHT

# MICARE MEDICAL

Website: [www.micare-med.com](http://www.micare-med.com) / [www.surgicallight.com](http://www.surgicallight.com)

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# A shining example of our commitment to surgeons



# Micare Medical LED Medical Headlights

- 1) MA JD2900 15W 150,000LUX
- 2) JD2300 7W 65,000LUX
- 3) JD2700 7W 85,000LUX
- 4) MB JD2900 7W 90,000LUX

## MA JD2900 15W LED Headlight



### Balanced fit Brighter shine



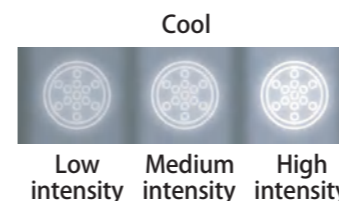
### Brighter

- Up to 150,000Lux
- Available in cool (5,500K) color temperature
- Brightness intensity settings to choose
- Spot Size Diameter Adjustable



### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



### MA JD2900 15w LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 150,000LUX
Color temperature	4,500-5,500K
Illumination Spot size (D = Φ200MM)	Adjustable From 10MM - 45MM
Illumination Spot size (D = Φ300MM)	Adjustable From 10MM - 75MM
Illumination Spot size (D = Φ500MM)	Adjustable From 20MM - 130MM
Headlight housing	Aluminum
Headlight weight	164g
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion 18650 (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pc Battery + 1pc Charger + 1pc Carton
Color Rendering Index	> 93

## JD2700 7w LED Headlight

# Balanced fit Brighter shine



### Brighter

- Up to 85,000Lux
- Available in cool (5,700K) color temperature
- Brightness intensity settings to choose
- Spot Size Diameter Adjustable



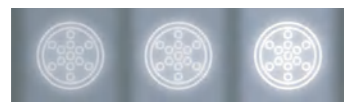
### JD2700 7w LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 85,000LUX
Color temperature	4,800 - 5,700K
Illumination Spot size (D = Φ200MM)	Adjustable From 10MM - 45MM
Illumination Spot size (D = Φ300MM)	Adjustable From 10MM - 75MM
Illumination Spot size (D = Φ500MM)	Adjustable From 20MM - 130MM
Headlight housing	Aluminum
Headlight weight	193g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	2pcs Battery + 1pc USB Charger + 1pc Aluminum Box
Color Rendering Index	> 93
Magnification Glasses Optional	2.5X, 3.0X, 3.5X

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)

Cool



Low intensity Medium intensity High intensity

## JD2300 7w LED Headlight

# Balanced fit Brighter shine



### Brighter

- Up to 65,000Lux
- Available in cool (4,800K) color temperature
- Brightness intensity settings to choose



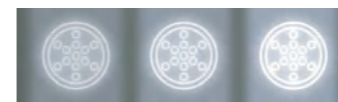
### JD2300 7w LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 65,000LUX
Color temperature	4,300 - 4,800K
Illumination Spot size (D = Φ200MM)	Adjustable From 10MM - 45MM
Illumination Spot size (D = Φ300MM)	Adjustable From 10MM - 75MM
Illumination Spot size (D = Φ500MM)	Adjustable From 20MM - 130MM
Headlight housing	Aluminum
Headlight weight	193g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	2pcs Battery + 1pc USB Charger + 1pc Aluminum Box
Color Rendering Index	> 93
Magnification Glasses Optional	2.5X, 3.0X, 3.5X

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)

Warm White



Low intensity Medium intensity High intensity



## MB JD2900 7W LED Headlight

**Balanced fit**  
**Brighter shine**



### Brighter

- Up to 90,000Lux
- Available in cool (5,500K) color temperature
- Brightness intensity settings to choose

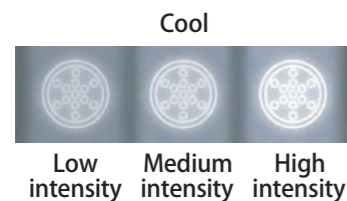


### MB JD2900 7w LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 90,000LUX
Color temperature	4,500 - 5,500K
Illumination Spot size (D = Φ200MM)	Adjustable From 60MM
Illumination Spot size (D = Φ300MM)	Adjustable From 100MM
Illumination Spot size (D = Φ500MM)	Adjustable From 150MM
Headlight housing	Aluminum
Headlight weight	156g
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pcs Battery + 1pc USB Charger + 1pc Carton Box
Color Rendering Index	> 93

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



# Micare Medical

## LED Medical Headlights

- 1) ME JD2900 10W 100,000LUX
- 2) MD JD2900 7w 85,000LUX
- 3) MF JD2900 3W 45,000LUX

## ME JD2900 10W LED Headlight

# Balanced fit Brighter shine



### Brighter

- Up to 100,000Lux
- Available in cool (5,300K) color temperature
- Brightness intensity settings to choose

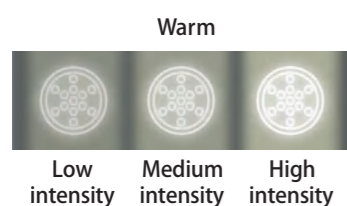


### ME JD2900 LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 100,000LUX
Color temperature	4,300 - 5,300K
Illumination Spot size (D = Φ200MM)	Adjustable From 115MM
Illumination Spot size (D = Φ300MM)	Adjustable From 160MM
Illumination Spot size (D = Φ500MM)	Adjustable From 270MM
Headlight housing	Aluminum
Headlight weight	175g
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pc Battery + 1pc USB Charger + 1pc Carton Box
Color Rendering Index	> 93

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



## MD JD2900 7w LED Headlight

# Balanced fit Brighter shine



### Brighter

- Up to 85,000Lux
- Available in cool (5,500K) color temperature
- Brightness intensity settings to choose
- Spot size diameter adjustable

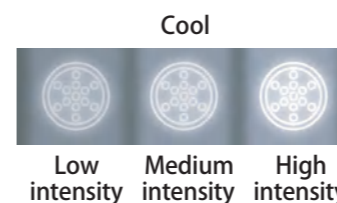


### MD JD2900 7W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 85,000LUX
Color temperature	4,500 - 5,500K
Illumination Spot size (D = Φ200MM)	Adjustable From 10MM - 45MM
Illumination Spot size (D = Φ300MM)	Adjustable From 10MM - 75MM
Illumination Spot size (D = Φ500MM)	Adjustable From 20MM - 130MM
Headlight housing	Aluminum
Headlight weight	213g (With 1pc battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pcs Battery + 1pc USB Charger + 1pc Carton Box
Color Rendering Index	> 93

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



## MF JD2900 3W LED Headlight

# Balanced fit Brighter shine



### Brighter

- Up to 45,000Lux
- Available in Warm (4,800K) color temperature
- Brightness intensity settings to choose

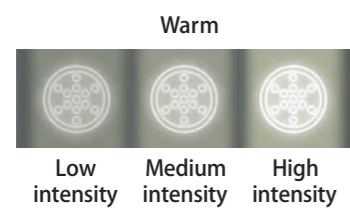


### MF JD2900 3W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 45,000LUX
Color temperature	4,300 - 4,800K
Illumination spot size (D = Φ200MM)	Adjustable From 55MM
Illumination Spot size (D = Φ300MM)	Adjustable From 77MM
Illumination Spot size (D = Φ500MM)	Adjustable From 110MM
Headlight housing	Aluminum
Headlight weight	165g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pcs Battery + 1pc USB Charger + 1pc Carton Box
Color Rendering Index	> 93

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



# Micare Medical LED Medical Headlights

- 1) JD2400 5W 45,000LUX
- 2) JD2500 10W 85,000LUX
- 3) JD2600 5W 45,000LUX



## JD2400 5W LED Headlight



**Balanced fit**  
**Brighter shine**



### Brighter

- Up to 45,000Lux
- Available in cool (5,500K) color temperature
- Brightness intensity settings to choose
- Spot size diameter adjustable

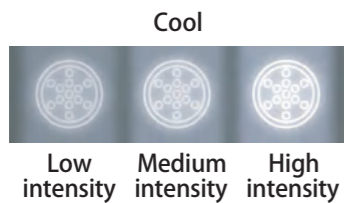


#### JD2400 5W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 45,000LUX
Color temperature	4,500 - 5,500K
Illumination spot size (D = Φ200MM)	Adjustable From 10-78MM
Illumination Spot size (D = Φ300MM)	Adjustable From 18-102MM
Illumination Spot size (D = Φ500MM)	Adjustable From 35-180MM
Headlight housing	Aluminum
Headlight weight	403g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable lthium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pc Battery + 1pc USB Charger + 1pc Aluminum Box
Color Rendering Index	> 93
Magnification Glasses Optional	2.5X, 3.0X, 3.5X, 4.0X, 5.0X , 6.0X

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



## JD2500 10W LED Headlight



**Balanced fit**  
**Brighter shine**



### Brighter

- Up to 85,000Lux
- Available in cool (5,500K) color temperature
- Brightness intensity settings to choose
- Spot size diameter adjustable

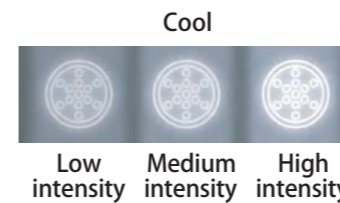


#### JD2500 10W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 85,000LUX
Color temperature	4,500 - 5,500K
Illumination spot size (D = Φ200MM)	Adjustable From 12-70MM
Illumination Spot size (D = Φ300MM)	Adjustable From 18-102MM
Illumination Spot size (D = Φ500MM)	Adjustable From 35-180MM
Headlight housing	Aluminum
Headlight weight	403g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable lthium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	1pc Battery + 1pc USB Charger + 1pc Aluminum Box
Color Rendering Index	> 93
Magnification Glasses Optional	2.5X, 3.0X, 3.5X, 4.0X, 5.0X , 6.0X

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



## JD2600 5W LED Headlight

# Balanced fit Brighter shine

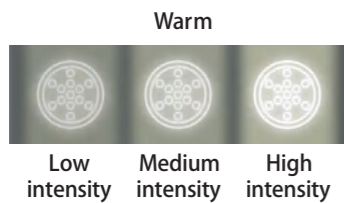


### Brighter

- Up to 45,000Lux
- Available in cool (4,800K) color temperature
- Brightness intensity settings to choose
- Spot size diameter adjustable

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



### JD2600 5W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 45,000LUX
Color temperature	4,300 - 4,800K
Illumination spot size (D = Φ200MM)	Adjustable From 10-78MM
Illumination Spot size (D = Φ300MM)	Adjustable From 18-102MM
Illumination Spot size (D = Φ500MM)	Adjustable From 35-180MM
Headlight housing	Aluminum
Headlight weight	403g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	2pcs Battery + 1pc USB Charger + 1pc Aluminum Box
Color Rendering Index	> 93
Magnification Glasses Optional	2.5X, 3.0X, 3.5X, 4.0X, 5.0X , 6.0X

# Micare Medical LED Medical Headlights

- 1) JD2800 10W 100,000LUX
- 2) JD2800 7W 70,000LUX



## JD2800 10W LED Headlight

# Balanced fit Brighter shine



### Brighter

- Up to 100,000Lux
- Available in cool (5,300K) color temperature
- Brightness intensity settings to choose



### JD2800 10W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 100,000LUX
Color temperature	4,300 - 5,300K
Illumination spot size (D = Φ200MM)	Adjustable From 12-70MM
Illumination Spot size (D = Φ300MM)	Adjustable From 18-102MM
Illumination Spot size (D = Φ500MM)	Adjustable From 35-180MM
Headlight housing	Aluminum
Headlight weight	403g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	2pcs Battery + 1pc USB Charger + 1pc Carton Box
Color Rendering Index	> 93
Magnification Glasses Optional	1.5X, 2.5X, 4.0X

Cool



Low intensity Medium intensity High intensity

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)

## JD2800 7W LED Headlight

# Balanced fit Brighter shine



### Brighter

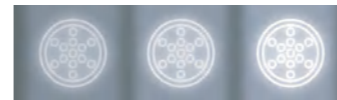
- Up to 70,000Lux
- Available in cool (5,300K) color temperature
- Brightness intensity settings to choose



### JD2800 7W LED Surgical headlight specifications:

Light source	LED refractive technology
Light Intensity (MAX)	Up To 70,000LUX
Color temperature	4,300 - 5,300K
Illumination spot size (D = Φ200MM)	Adjustable From 12-70MM
Illumination Spot size (D = Φ300MM)	Adjustable From 18-102MM
Illumination Spot size (D = Φ500MM)	Adjustable From 35-180MM
Headlight housing	Aluminum
Headlight weight	403g (With 1pc Battery)
Headband material	ABS ratchet adjustability; antimicrobial protection on pads
LED Bulb Life Time	50,000hrs +
Battery type	Rechargeable Lithium-ion (charger included)
Battery Life	5-12HRS
Battery charge time	0% life: 4 hours 50% life: 2 hours
Standard Packing	2pcs Battery + 1pc USB Charger + 1pc Carton Box
Color Rendering Index	> 93
Magnification Glasses Optional	1.5X, 2.5X, 4.0X

Cool



Low intensity Medium intensity High intensity

### Longer lasting

- 5- to 10-hour run time
- 4-hour charge time (0% life)
- 2-hour charge time (50% life)



# SURGICAL LOUPES

**Magnification: 3.5X**  
**Model: MC350**  
**Ergo Prism**

Working distance: 280-600mm  
 Field of view: 70-90mm  
 Depth of field: 100mm  
 Other available magnifications: 4.5X, 5.5X 6.5X



**Magnification: 5.0X**  
**Model: MC500**

Working distance: 280-600mm  
 Field of view: 55-70mm  
 Depth of field: 80mm



**Magnification: 4.0X**  
**Model: MC400**

Working distance: 280-600mm  
 Field of view: 60-75mm  
 Depth of field: 80mm



**Magnification: 6.0X**  
**Model: MC600**

Working distance: 280-600mm  
 Field of view: 55-65mm  
 Depth of field: 80mm



## CUSTOMIZED SURGICAL LOUPES

**Magnification : 2.5X**

**Model: TTL 2.5R**  
 Working Distance: 300-500mm  
 Weight: 28g  
 Field of View: 170mm  
 Optic system: compound optics

**Model: TTL 2.5L**  
 Working Distance: 400-600mm  
 Weight: 28g  
 Field of View: 180mm  
 Optic system: compound optics



**Model: TTL 3.0S**  
 Working Distance: 280-380mm  
 Weight: 28g  
 Field of View: 90mm  
 Optic system: compound optics

**Model: TTL3.0R**  
 Working Distance: 360-460mm  
 Weight: 28g  
 Field of View: 100mm  
 Optic system: compound optics

**Model: TTL 3.0L**  
 Working Distance: 440-540mm  
 Weight: 28g  
 Field of View: 100mm  
 Optic system: compound optics

**Model: TTL3.0XL**  
 Working Distance: 500-600mm  
 Weight: 28g  
 Field of View: 110mm  
 Optic system: compound optics



**Magnification : 3.0X**



**Magnification : 3.0X**

**Magnification : 2.5X**  
**Model: SR250**

Working Distance: 360-460 mm  
 Weight: 42g  
 Field of View: 110mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 3.0X**  
**Model: SR300**

Working Distance: 360-460 mm  
 Weight: 46g  
 Field of View: 90mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 2.5X**  
**Model: SP250**

Working Distance: 360-460 mm  
 Weight: 42g  
 Field of View: 110mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 3.0X**  
**Model: SP300**

Working Distance: 360-460 mm  
 Weight: 46g  
 Field of View: 90mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 2.5X**  
**Model: SJ250**

Working Distance: 320-470 mm  
 Weight: 46g  
 Field of View: 95-120mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 3.5X**  
**Model: SR350**

Working Distance: 360-460 mm  
 Weight: 47g  
 Field of View: 65mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 4.0X**  
**Model: SR400**

Working Distance: 360-460 mm  
 Weight: 65g  
 Field of View: 70mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 3.5X**  
**Model: SP350**

Working Distance: 360-460 mm  
 Weight: 47g  
 Field of View: 65mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 4.0X**  
**Model: SP400**

Working Distance: 360-460 mm  
 Weight: 65g  
 Field of View: 70mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 3.5X**  
**Model: SJ350**

Working Distance: 320-470 mm  
 Weight: 46g  
 Field of View: 80-95mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 5.0X**  
**Model: SR500**

Working Distance: 360-460 mm  
 Weight: 65g  
 Field of View: 64mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 5.0X**  
**Model: SP500**

Working Distance: 420 mm  
 Weight: 65g  
 Field of View: 64mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 6.0X**  
**Model: SR600**

Working Distance: 420 mm  
 Weight: 65g  
 Field of View: 58mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 6.0X**  
**Model: SP600**

Working Distance: 420 mm  
 Weight: 65g  
 Field of View: 58mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable



**Magnification : 8.0X**  
**Model: SR800**

Working Distance: 420 mm  
 Weight: 70g  
 Field of View: 48mm  
 Frame type: Metal type  
 Viewing Angle: adjustable



**Magnification : 8.0X**  
**Model: SP800**

Working Distance: 420 mm  
 Weight: 70g  
 Field of View: 48mm  
 Frame type: BP (sport) frame  
 Viewing Angle: adjustable

