



ErgoDentix[®]

Ergonomic loupes

Improve Your Posture

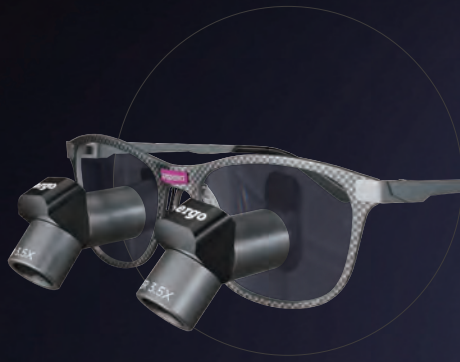
Enhance Your Well-Being





Customisable

- Working Distance: 280-600mm
- Tilt Angle · Frame · Lens Power
- Interpupillary Distance

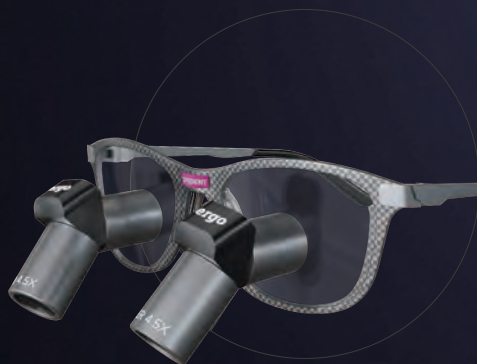


3.5X Magnification Power

Weight: 54g

Ideal for newcomers, this option offers a broad field of vision and depth of field, simplifying the user experience.

Magnifying Rates	Ergo 3.5X-R	Ergo 3.5X-S	Ergo 3.5X-L	Ergo 3.5X-XL
Working distance	280-380mm	360-460mm	440-540mm	500-600mm
Field of vision	70-90mm	70-90mm	70-90mm	70-90mm
Depth of field	100mm	100mm	100mm	100mm



4.5X Magnification Power

Weight: 58g

Designed for more complex optical tasks, our 4.5x loupes deliver precise outcomes essential for both practitioners and patients.

Magnifying Rates	Ergo 4.5X-R	Ergo 4.5X-S	Ergo 4.5X-L	Ergo 4.5X-XL
Working distance	280-380mm	360-460mm	440-540mm	500-600mm
Field of vision	50-80mm	50-80mm	50-80mm	50-80mm
Depth of field	100mm	100mm	100mm	100mm

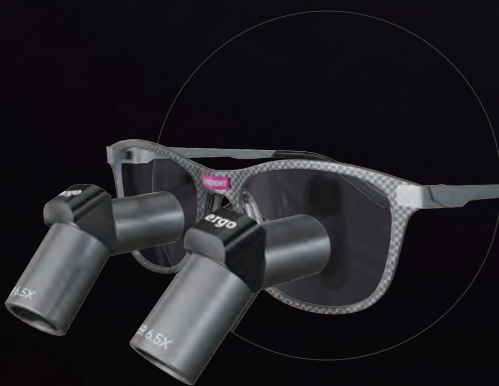


5.5X Magnification Power

Weight: 64g

Featuring an ultra-light design for maximum comfort, our 5.5x loupes are perfect for detailed, up-close procedures.

Magnifying Rates	Ergo 5.5X-R	Ergo 5.5X-S	Ergo 5.5X-L	Ergo 5.5X-XL
Working distance	280-380mm	360-460mm	440-540mm	500-600mm
Field of vision	50-75mm	50-75mm	50-75mm	50-75mm
Depth of field	90mm	90mm	90mm	90mm



6.5X Magnification Power

Weight: 61g

Featuring an ultra-light design for maximum comfort, our 6.5x loupes are perfect for detailed, up-close procedures.

Magnifying Rates	Ergo 6.5X-R	Ergo 6.5X-S	Ergo 6.5X-L	Ergo 6.5X-XL
Working distance	280-380mm	360-460mm	440-540mm	500-600mm
Field of vision	45-70mm	45-70mm	45-70mm	45-70mm
Depth of field	80mm	80mm	80mm	80mm

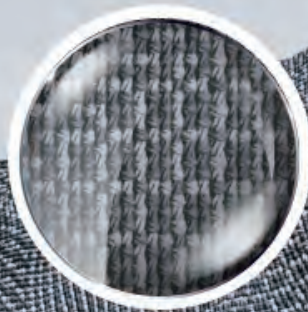
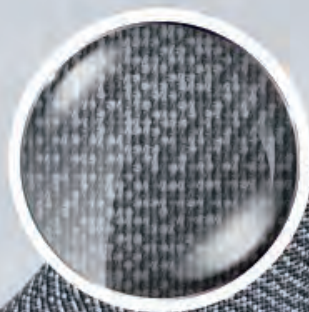


ER3.5X

ER4.5X

ER5.5X

ER6.5X



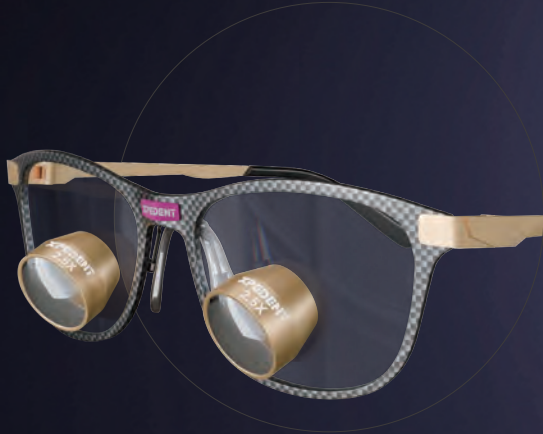


XPEDENT



Customisable

- Working Distance: 300-700mm
- Tilt Angle · Frame · Lens Power



2.5X Magnification Weight: 43g
Power

Magnifying Rates 2.5X
Working distance 300-700mm
Field of vision 150-170mm
Depth of field 200mm



3X Magnification Weight: 46g
Power

Magnifying Rates 3.0X
Working distance 300-700mm
Field of vision 130-150mm
Depth of field 200mm



3.5X Magnification Weight: 47g
Power

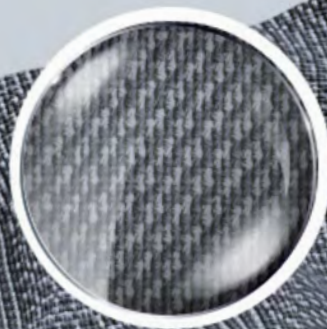
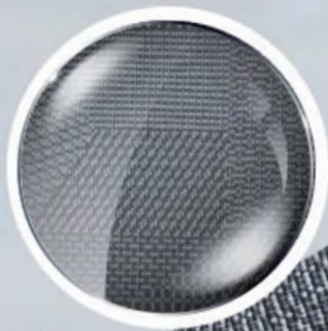
Magnifying Rates 3.5X
Working distance 300-700mm
Field of vision 110-130mm
Depth of field 200mm



2.5X

3.0X

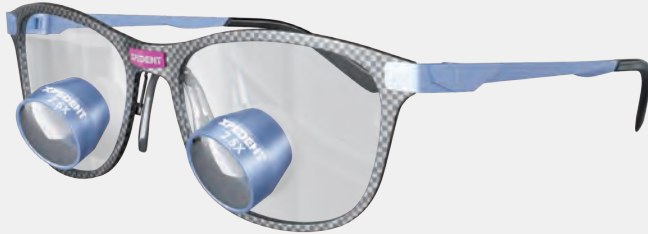
3.5X



Frame options

Carbon X1

Titanium alloy + sheet metal temple covers



Available colors

Lenses



Temple Arms



Carbon X2

Carbon fiber frame



Available colors

Lenses



Frames/Temple Arms



Carbon X3

Titanium alloy + sheet metal temple covers



Available colors

Lenses



Frames



Temple Arms








Firefly Cordless

Firefly provides stronger light intensity to enable work with higher magnifications.

Parameter

Intensity	55K LUX
Weight	27 g
Run time	2 hrs
Charge time	1.25hrs
Batteries	3 pcs
Colour temp'	5,750K
Yellow filter	External
Colour	 BLUE  GOLD  GRAY





Cordless

Freedom of movement increases comfort and efficiency

Lightweight

Optimised weight distribution, ergonomically designed to rest lightly on the loupes

User-friendly controls

Simple operation with tap controls for ON/OFF and light intensity

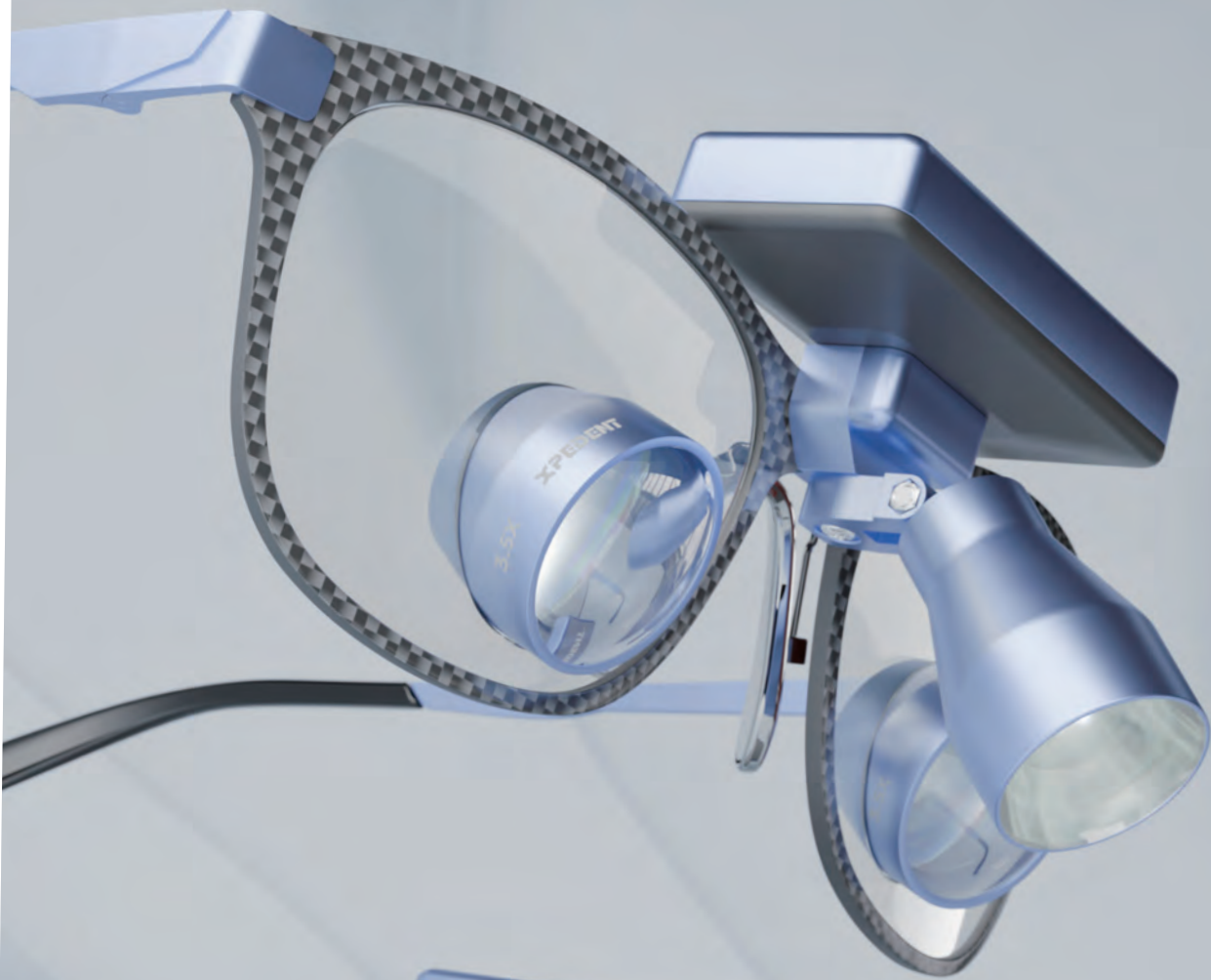
Swift battery replacement

Enabled by magnetic mount.

Compatible

Can be mounted on most loupe models







Wired headlamp

Designed for efficiency

Lightweight

Loupe-mounted headlight and battery pack streamlined for minimal weight, supporting comfortable use throughout the day.

Plug and play

All Wired headlamp models come with three batteries. Switching between depleted and charged batteries is quick and easy.

Ergonomic configuration

Wired headlamp's lightweight design and well-placed controls prioritise natural body movements, to help prevent user discomfort or strain.

Compatible

Can be mounted on most loupe models



Basic parameters

Weight	10g
Diameter	16mm
Light source	LED
Power	3W
Length	34mm
Colour temperature	6000±500K white (default) 4000±500K warm (customised)
Power supply mode	External power supply
Power capacity	2000mAH / 8000mAH
Battery life	4h / 12h

Light source parameters

Spot diameter	Illumination	Working distance
4.5cm	85000lux	20cm
7.0cm	40000lux	30cm
9.5cm	20000lux	40cm

Why Xpedent Loupes?

Protect your career from cumulative trauma. Don't let hours of bending and static postures cut your journey short. Our solution helps prevent the micro-traumas in muscles, joints, and ligaments, safeguarding you from chronic pain and extending your career.

Xpedent Ergo loupes are the first custom-designed, truly ergonomic loupes that work with the body's biomechanical design rather than against it. In other words, Ergo loupes help you do your best work while maintaining the posture your body was designed for.





Follow up



Xpedent uk



Xpedent International



Xpedent



Xpedent

www.xpedent.net info@xpedent.com



Xpedent Head Office

Xpedent UK Ltd

88 Boundary Road,
Hove, East Sussex,
BN3 7GA
England 06128867



Sales Office

Xpedent Austria GmbH

Millennium Park 9
6890 Lustenau
Austria



Manufacturer

Guilin Yikeshi Medical Instrument Co., Ltd

D08 Building, High Tech
Industrial Park, Chaoyang
Road Qixing District Guilin,
541004 China