

The art of seeing  
what others can't.



Handcrafted Loupes, Lights & Camera

**admetec**  
We've got your back



# **We've got your back.**

## **Admetec handcrafted, custom-designed loupes, lights, and Camera**

We specialize in creating solutions that are exceptionally lightweight, convenient to use, and ergonomic - enabling you to focus on being effective while we focus on your comfort.

Our handcrafted loupes, lights, and Camera are custom designed for YOU. To do so, we take into consideration your unique facial structure, working distance, style, and personal preferences. User-centered product design combined with high-quality materials and components is the foundation of Admetec excellence.

## Galilean loupes

Galilean loupes are extremely compact and lightweight while ensuring a wide field of view and excellent depth of field. Excellent for practitioners who want to see the big picture and don't necessarily need high magnification. Our Galilean loupes come in 3 magnifications.

**Designed specifically for your working distance, to the centimeter.**



**2.5x**

Working distance range  
30-60 cm

Weight  
45gr



**2.7x**

Working distance range  
30-60 cm

Weight  
37gr



**3.2x**

Working distance range  
30-60 cm

Weight  
37gr

## Prismatic loupes

Prismatic loupes deliver crystal-clear, color-true magnification with a wide field of view. Now available with 4 magnifications and an improved ergonomic design for enhanced comfort and performance.

**Designed specifically for your working distance, to the centimeter.**



**3.8x**

Working distance range  
30-70 cm

Weight  
50gr



**4.8x**

Working distance range  
30-70 cm

Weight  
51gr



**5.8x**

Working distance range  
30-70 cm

Weight  
50gr



**7.2x**

Working distance range  
30-70 cm

Weight  
52gr

## Ergonomic loupes

Admetec Ergo comes in 6 magnifications.

Designed specifically for your working distance, to the centimeter.



3.0x

Working distance range  
35-70 cm

Weight  
46gr



4.0x

Working distance range  
35-70 cm

Weight  
46gr



5.0x

Working distance range  
35-70 cm

Weight  
48gr



6.0x

Working distance range  
35-70 cm

Weight  
48gr



7.5x

Working distance range  
40-70 cm

Weight  
49gr

The highest ergonomic magnification power available for the pinpoint accuracy you need.

## 10x magnification power

Working distance range  
40-70 cm

Weight  
52gr

Ergo prism technology developed by Admetec

Lightweight, Polycarbonate lenses for durability and a premium image



Ocular lenses from the Japanese world leader in glass lenses manufacturing, FUJITOK®

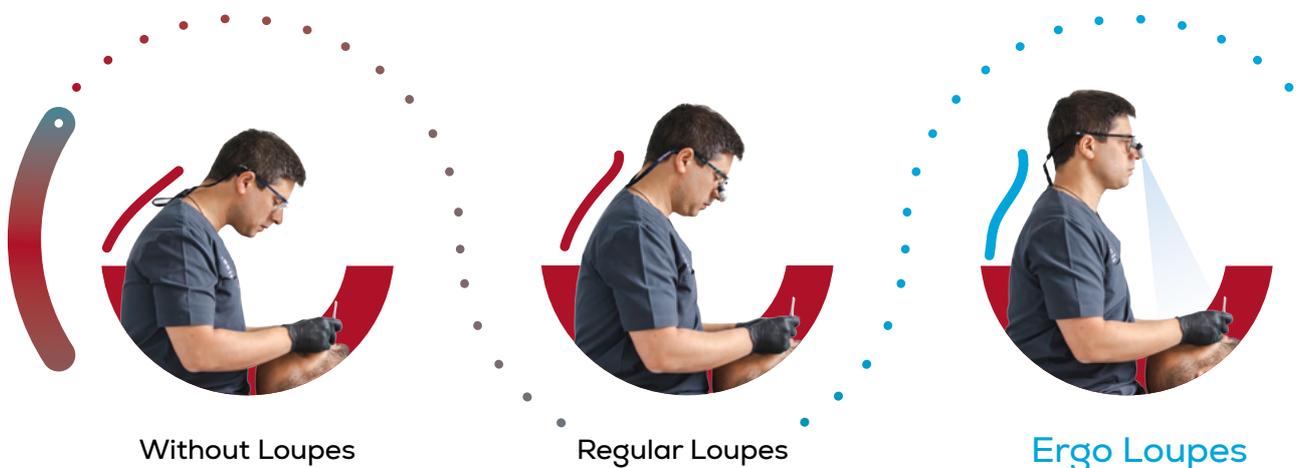
## The problem

Static, often contorted positioning causes micro-traumas to muscles, joints, and ligaments - daily damage that increases faster than the body can heal.

Over time, these slowly progressing injuries can develop into cumulative trauma disorder, resulting in chronic back and neck pain that impacts - and even cuts short - the careers of too many talented practitioners.

## Our solution

Ergo loupes are the first truly ergonomic, custom-designed loupes that work with the body's biomechanical design rather than against it.





**ergo v**<sup>TM</sup>

**Ergonomics Meets Versatility**



# Key benefits

## 3 Magnifications, 1 Device, Same posture.

Experience precision like never before with adjustable loupes offering three magnifications in a single device.

### Ergo V™



Weight:  
55gr

Magnifications  
3.8x, 5.3x, 7.0x

Working Distance  
40-70cm

### Ergo V™ Pro



Weight:  
60gr

Magnifications  
5.6x, 7.4x, 10x

Working Distance  
40-70cm



#### Ergonomic design

Superior posture & reduced strain



#### Unmatched versatility

Switch magnification seamlessly



#### Maximum comfort

Lightweight for fatigue-free use

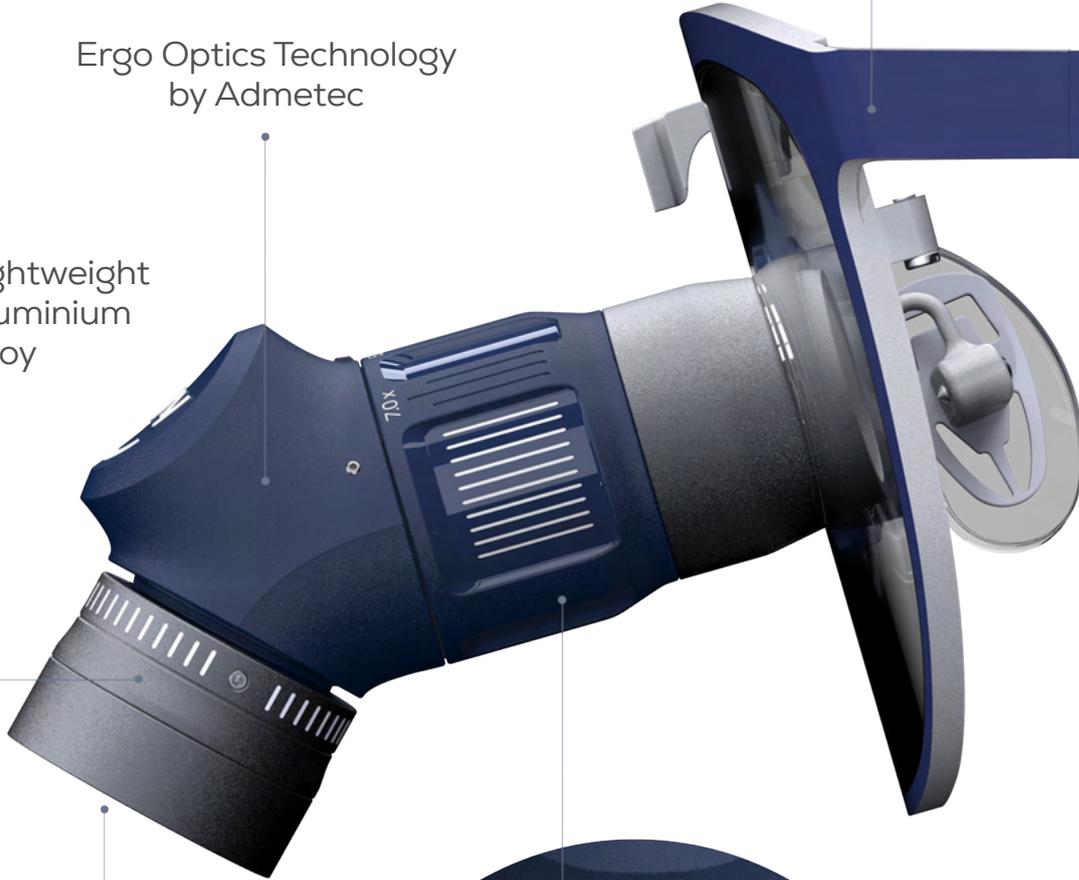
# Specification

admetec

Compatible with all Admetec frames

Ergo Optics Technology by Admetec

Lightweight Aluminium Alloy



Lenses by FUJITOK®, leading-world manufacturer.



**Variable Magnification Technology**

Seamlessly switch between three magnifications in one device for ultimate precision, versatility, and ergonomic comfort.

## Powerful lighting. Ultra-lightweight. Wireless.

Meet the Butterfly EVO, Admetec's cordless headlight series, featuring two models designed for optimal efficiency.

- ⤿ **Lightweight**  
Ergonomically designed to rest lightly on your loupes
- ⤿ **Cordless**  
Freedom of movement increases comfort and efficiency
- ⤿ **User-friendly controls**  
Simple operation with tap controls for ON/OFF and light intensity
- ⤿ **Charging indicator display**  
Always know your battery's charging status



### Butterfly™ EVO

Butterfly combines effective lighting in an ultra-lightweight, easy-to-use, wireless configuration.

Intensity	Weight	Run time	Charge time
35k LUX	23 gr	2 hrs	1.25 hrs
Yellow filter	Batteries	Color temp	
External filter	3 pcs	5,750K	



### Butterfly-S™ EVO

Butterfly-S provides stronger light intensity to enable work with higher magnifications.

Intensity	Weight	Run time	Charge time
55k LUX	28 gr	2 hrs	1.5 hrs
Yellow filter	Batteries	Color temp	
External filter	3 pcs	5,750K	





## Wired headlights



### Orchid™

Intensity	Weight	Run time	Charge time
80k LUX	9 gr	6 hrs	2.5 hrs
Yellow filter	Batteries	Color temp	
External filter	2 pcs	5,750K	



### Orchid-F™

Intensity	Weight	Run time	Charge time
80k LUX	10 gr	6 hrs	2.5 hrs
Yellow filter	Batteries	Color temp	
Built-in	2 pcs	5,750K	



### Orchid-E™

Intensity	Weight	Run time	Charge time
150k LUX	12 gr	6 hrs	2.5 hrs
Yellow filter	Batteries	Color temp	
Built-in	2 pcs	5,750K	



### Orchid-S™

Intensity	Weight	Run time	Charge time
220k LUX	11 gr	4 hrs	2.5 hrs
Yellow filter	Batteries	Color temp	
External filter	2 pcs	5,750K	



Need help choosing the right light for your loupes?

Visit our online guide:

[www.admetec.com/how-to-choose-headlight-for-loupes/](http://www.admetec.com/how-to-choose-headlight-for-loupes/)

# admetec flamingo™

## Integrated HD Camera & Headlight

Flamingo was created to make this simple. A feather-light loupe-mounted camera that lets you record, teach, broadcast, and build patient trust.





Seeing inside a patient's mouth is hard.  
Sharing what you see is even harder.

## Why Choose Flamingo

- ✓ **Effortless documentation** – Record Full HD video hands free, directly from your line of sight.
- ✓ **Powerful teaching tool** – Stream live to students or colleagues for real time learning.
- ✓ **Patient trust** – Show patients exactly what you see and strengthen informed consent.

## Designed for Daily Practice

**Dentists & Hygienists** – Case documentation, social media content, patient education

**Surgeons** – Guided procedures, OR broadcasting, medicolegal recording

**Educators & KOLs** – Live demonstrations, course creation, conference streaming



# Flamingo™ features

Feature	Benefit
Ultra lightweight (19 g)	<b>Only 19g!</b> - All day comfort-lighter than most loupe lights
Integrated 60 k lux LED	Powerful, shadow free illumination
Full HD 1080 p 30 fps camera	Crisp, stable footage for clinical documentation.
Remote control	Full control of the camera during operation, including the ability to take still images while recording and freeze the image for learning
Single hybrid cable	Truly wireless
Local real time Wi Fi broadcast	Share instantly on any PC or Mac-no internet required
AI Editing	AI Cleanup removes all unnecessary parts from the movie with one click
Swappable lenses (25 mm / 21 mm)	Select a narrow (25mm) or wide (21mm) field of view
Cloud storage	No need to rely on local memory-all videos are safely backed up to your account, under the user control
Up to 4 h camera + light or 8 h light only	Two hot swappable batteries keep you filming all day
Super Connector	360° rotation and vertical video mode (9:16 format)
Flamingo Software	Snapshots, essential editing, and free updates included
Compatible with most loupe brands	Adapters available for most of loupe brands
Data security	Fully compliant with HIPAA and GDPR requirements for patient privacy and data protection



## What style makes your heart sing?

You're still YOU while you are at work. That's why we made sure to provide a wide variety of frames that allow you to express your unique personality and work in comfort.



### Blues

-  Navy Blue
-  Bronze & Light Blue
-  Black
-  Pink
-  Purple & Grey
-  Rose Gold



### Indie

-  Champagne
-  Orange Lava
-  Midnight Blue
-  Black
-  Turquoise
-  Green



### Soul

-  Pink
-  Brown & Light Blue
-  Burgundy & Gold
-  Black
-  Turquoise
-  White Snow



### Jazz

-  Red & Black
-  Orange & Black
-  Blue & Black
-  Green & Black
-  Turquoise & Rose Gold



### Swing

-  Black
-  Blue
-  Graphite
-  Red
-  Rose Gold
-  White





## Convenient. Compact. Shockproof.

Your Admetec experience extends beyond working hours. What happens when you are not working with your loupes and light? Where do you put them? How do you protect and maintain them in good condition over time? If you work in more than one clinic, how do you take your loupes and light back and forth? That's why we designed convenient, compact, shockproof cases for each set of Admetec products.

### Butterfly (all models)

3 batteries | Charging pad and cable | Loupes | User Manual

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### Orchid (all models)

2 PowerPacks | Charger | Loupes | User Manual

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### Loupes

Lanyard | Microfiber cloth | User Manual

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**Everywhere.**



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WORLDWIDE**



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Seeing passion  
in the details





## We've got **your back.**

Admetec designs, develops, manufactures, and distributes handcrafted, custom-fitted magnifying loupes and LED headlamps as well as an integrated camera and headlight. We specialize in creating products that are exceptionally lightweight, convenient to use, and ergonomic – enabling you to focus on being effective while we focus on your comfort.

