



# VISION**X**

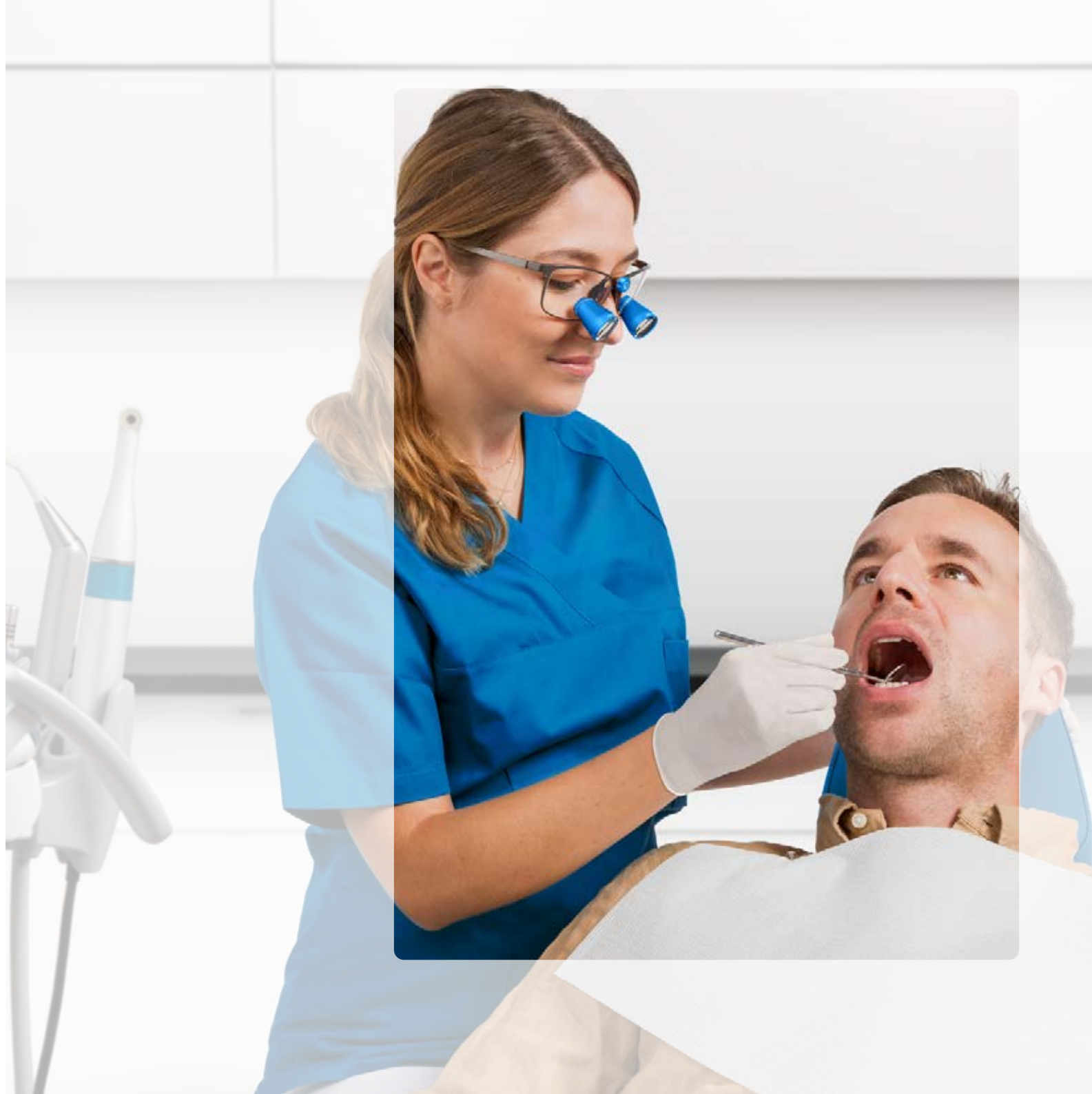
Custom loupes that  
make the difference.

# Precision, that gets your work done right.

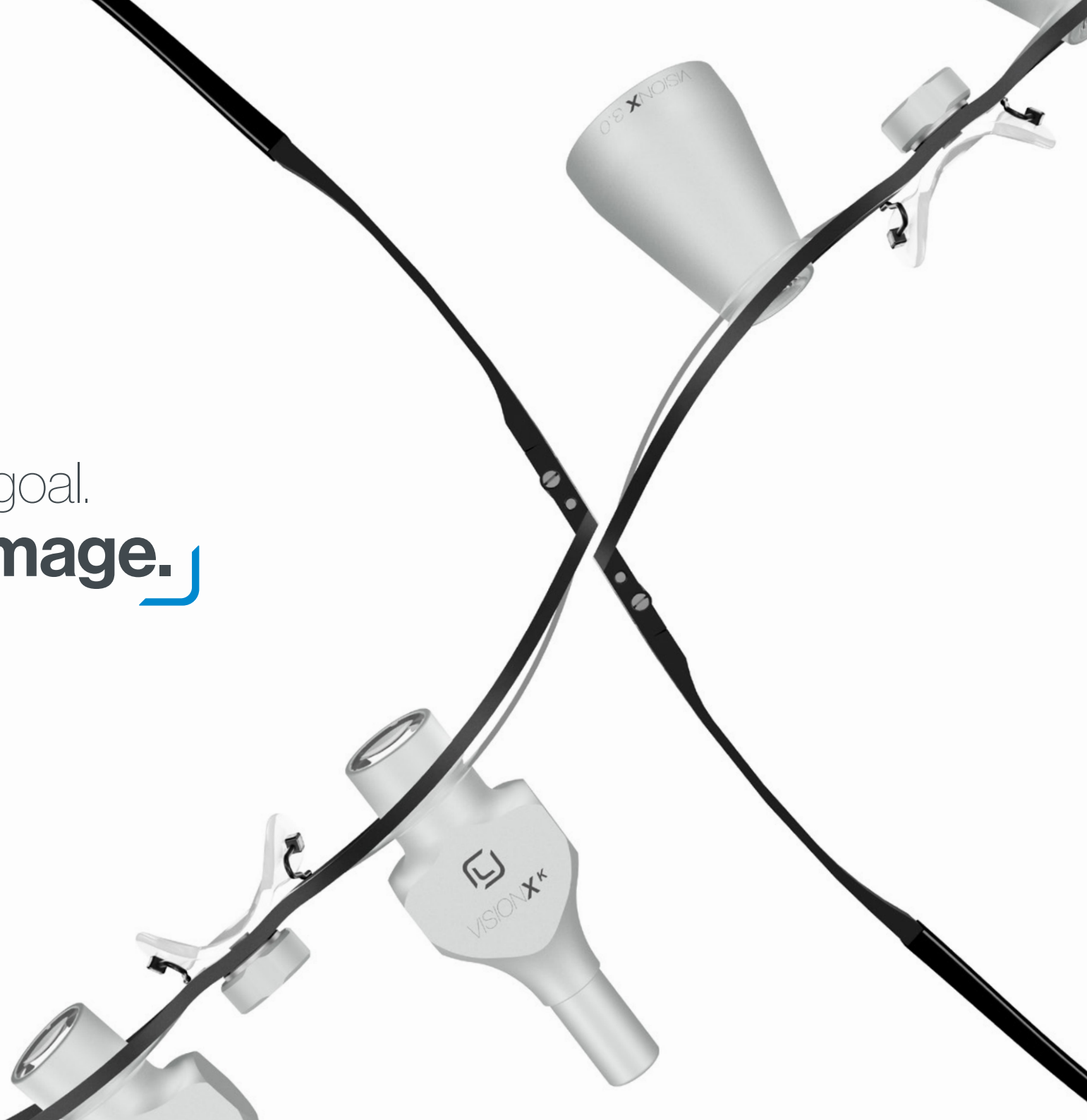
You are committed to the health and well-being of your patients each and every day. The only way to accomplish this is with your passionate effort, a high level of medical knowledge, and a clear view of the details.

We at I.C.LERCHER are right there by your side. For decades, we have been developing customized loupe systems with a clear focus: You as our customer. With the VISIONX series, we have created a comprehensive loupe system that is customized to your personal and ergonomic needs to give you a clear, detailed view.

Whether you are doing a check-up, a preparation or a surgical procedure, with your VISIONX you can focus on what is important – the treatment of your patients.



Two designs. One goal.  
**The perfect image.**





# VISIONX<sup>G</sup>

The low weight and minimalistic design make VISIONX G the ideal everyday loupe – from the first patient to the last.

The Galilei system is made of high-quality glass lenses and enclosed in a robust aluminum housing. This design not only guarantees you the best optical properties, but also makes the VISIONX G durable and long-lasting.

You get bright optics with comfortable magnification, a high depth of field, and a large field of view. The VISIONX G produces a clear, distortion-free image, allowing you to look through the optics without strain. Combined with a high degree of freedom of movement, the result is a high level of comfort – ideal for the entire day.

At the end of treatment, the VISIONX G can be cleaned under running water and then disinfected\*. This makes it always hygienic and ready for use at any time.

**The jack-of-all-trades.**  
A universal solution for everyday use.

**3.0 / 3.8**

Magnification

**Glass**

Optics

**Aluminum**

Housing

Housing color

**COLORLINE**



\*Disinfection by spraying and wiping

# VISIONX<sup>K</sup>

Even the design of the VISIONX K shows that you are looking at an extraordinary pair of loupes. With their flat housing, which provides an excellent overview, they set new standards for high-magnification loupes.

The Kepler system is made of high-quality glass components and is optimally protected by the robust aluminum housing. Resilience and a long service life go without saying. In addition to the high levels of magnification, the VISIONX K is characterized by a large and borderless image that displays the treatment field with exceptional vividness. The details are visible in a new sharpness and clarity that will impress you.

The VISIONX K helps you provide treatments that require the highest level of precision. Thanks to their low weight and large field of vision, even everyday treatments are a welcome task. No matter what your day at work looks like – when the day done, you can clean the waterproof housing of the VISIONX K under running water and then disinfect it.\* It's a true specialist that can handle any routine task.



**4.0 / 5.0 / 6.0**

Magnification

**Glass**

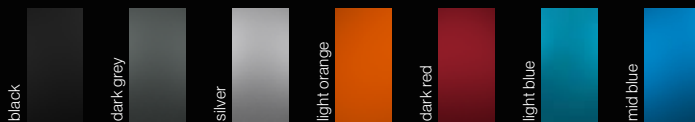
Optics

**Aluminum**

Housing

Housing color

**COLORLINE**



**The specialist.**  
Precision for  
the finest details.

\*Disinfection by spraying and wiping

# Optically world-class.

From the center to the edge.

When comparing loupes, the main focus is usually on magnification, although the field of view and depth of field sometimes also play a role. However, there are many other important features that have a direct influence on image quality and are therefore important for your daily work.

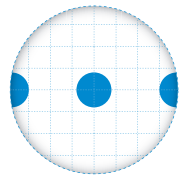
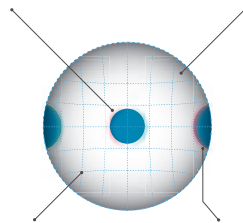
When developing the VISIONX series, we focused on optimizing each of these features to create the perfect image. This result is an impressive picture, no matter which variant you choose.

**Chromatic aberration**  
There are colored fringes along the edges.

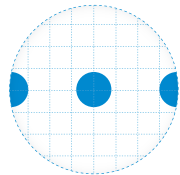
**Vignetting**  
The edges are significantly darker than the center of the image.

**Distortion**  
The image is shown with distortion at the edges.

**Edge blur**  
The sharpness decreases



VISIONX<sup>G</sup>



VISIONX<sup>K</sup>

Thanks to the high-quality glass lens system, a brilliant image is created without any perceptible distortion or chromatic aberration, thereby providing homogeneous sharpness across the entire field of view.

The Kepler system produces a borderless image of the highest quality. Free from noticeable distortion, vignetting, or chromatic aberration, the image is extremely vivid and sharp from the center to the edge.



## Optical parameters

|                       | 3.0          | 3.8          | 4.0          | 5.0          | 6.0          |
|-----------------------|--------------|--------------|--------------|--------------|--------------|
| Magnification         | 3.0          | 3.8          | 4.0          | 5.0          | 6.0          |
| Working distance [mm] | individually | individually | individually | individually | individually |
| Field of view [mm]    | 100          | 45           | 85           | 60           | 50           |
| Depth of field [mm]   | 180          | 70           | 45           | 40           | 30           |
| Dioptr compensation   | •            | •            | •            | •            | •            |

## Housing

|                     |    |    |    |    |    |
|---------------------|----|----|----|----|----|
| Aluminum            | •  | •  | •  | •  | •  |
| Glas lenses         | •  | •  | •  | •  | •  |
| Waterproof*         | •  | •  | •  | •  | •  |
| Weight per pair [g] | 22 | 26 | 36 | 38 | 38 |

## Ocular color

|            |   |   |   |   |   |
|------------|---|---|---|---|---|
| silver     | • | • | • | • | • |
| COLOR-LINE | • | • | • | • | • |

\* Waterproof under running water

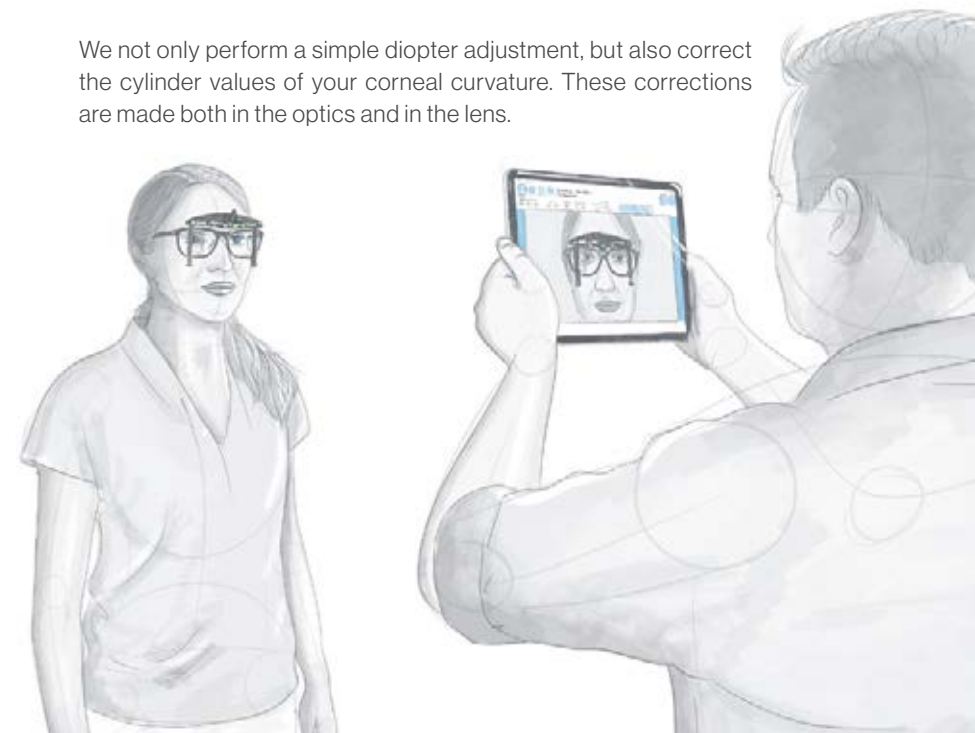


**They're every bit as unique as you are.**  
Each pair of loupes is one of a kind.

Meticulous product development, first-rate components, and precision manufacturing are just half the battle in producing outstanding loupe glasses. Taking your own parameters into account is at least as important: Working distance, facial anatomy, and vision defects. Only after all these factors have been taken considered does our VISIONX become an outstanding loupe – your VISIONX.

For this reason, one of our optical specialists will visit you at your practice to provide personalized advice and determine your individual working position, working distance, and angle of inclination. With just one click, all relevant anatomical points are digitally recorded and evaluated. We achieve a much higher level of accuracy than with conventional analog measurement methods. If you have a vision defect, this will also be detected and taken into consideration in the optics.

We not only perform a simple diopter adjustment, but also correct the cylinder values of your corneal curvature. These corrections are made both in the optics and in the lens.





# A CLEAN SOLUTION

**Hygienic?**  
Absolutely!

In the medical field, hygiene is not an optional feature for loupe glasses – it is a necessity for their day-to-day use on patients. This requires the reliable removal of both visible and invisible impurities.

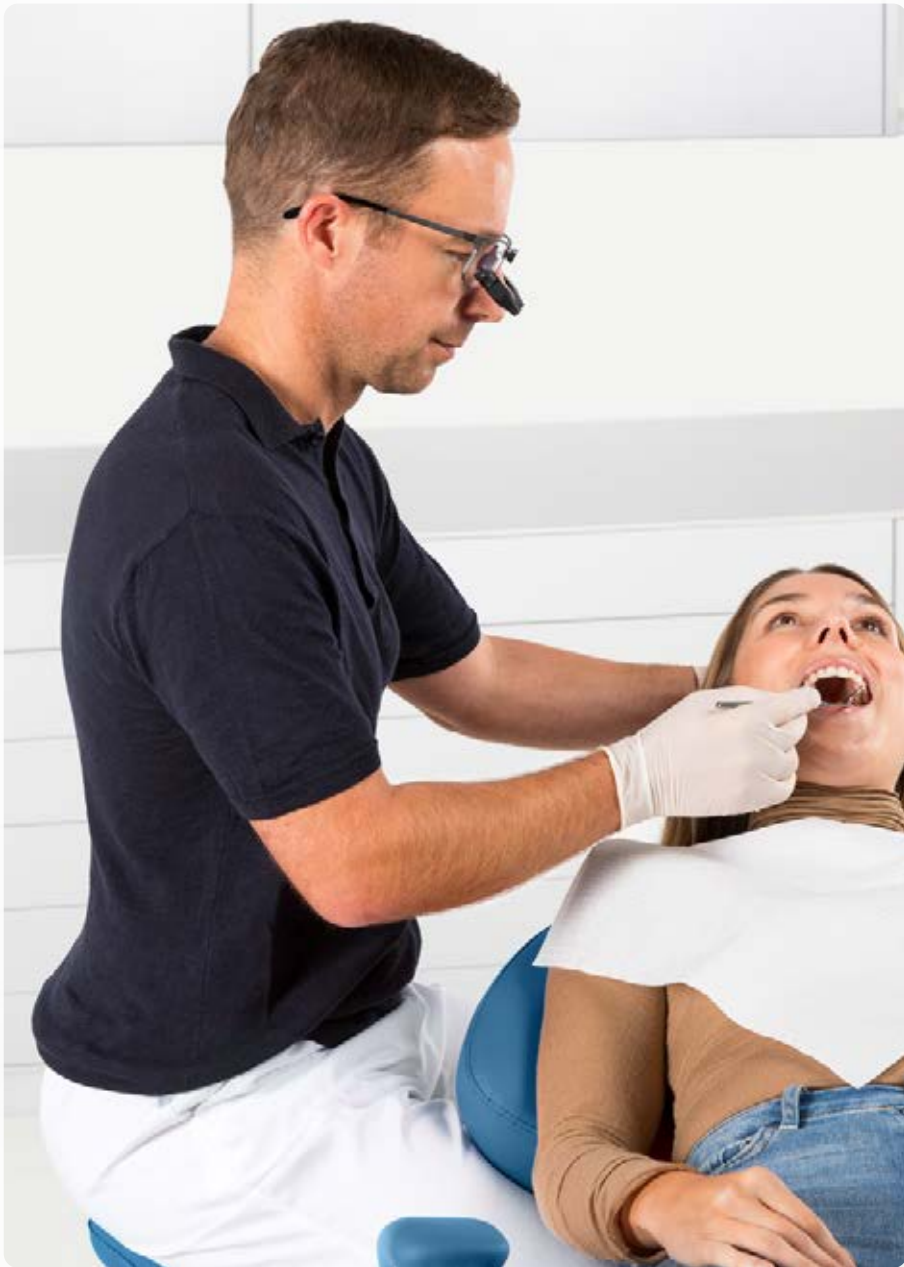
That is why the optics of the VISIONX series are fully waterproof and can be easily cleaned under running water. Visible contamination such as saliva, grease, or makeup can be easily washed off. This is followed by disinfection with alcohol-free, RKI-compliant disinfectants to remove even the invisible impurities.

**Waterproof\***  
Body can be

**disinfected\*\***  
Cleaning

\* Waterproof under running water  
\*\* Disinfection by spraying and wiping





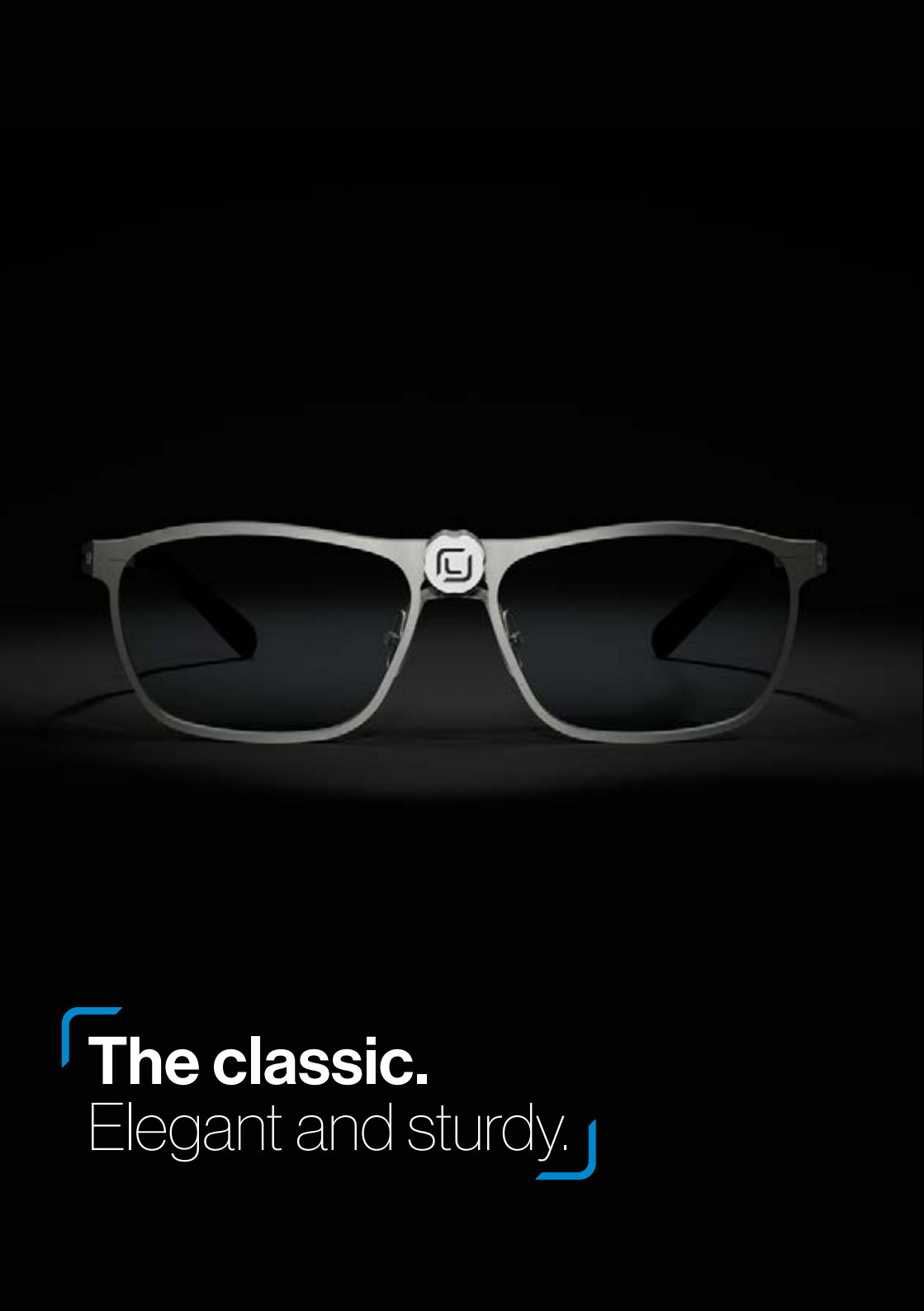
## Keep your head up and your back straight. Your health matters!

Ergonomics plays a crucial role in your health and your professional future during the daily treatment routine. Good posture and correct positioning of the patient can help to avoid poor posture and physical strain, which can prevent back, neck, and shoulder pain in the long term.

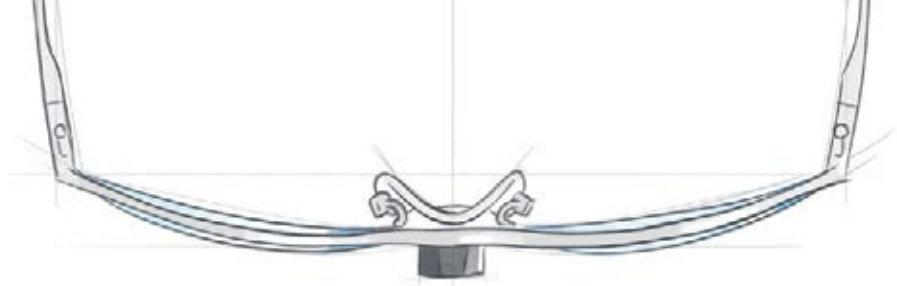
A pair of loupes can help you maintain this ergonomic posture. However, they can only do this if they are fully customized to you – in other words, if the working distance and angle of inclination are also optimally adjusted.

That is why the loupes in our VISIONX series are made precisely to your requirements. Everything from the working distance to the angle of the head and the wearer's visual defects is recorded and taken into account during production.

The result is a customized pair of loupes that allows ergonomic and relaxed treatment throughout the day – your VISIONX.



**The classic.**  
Elegant and sturdy.

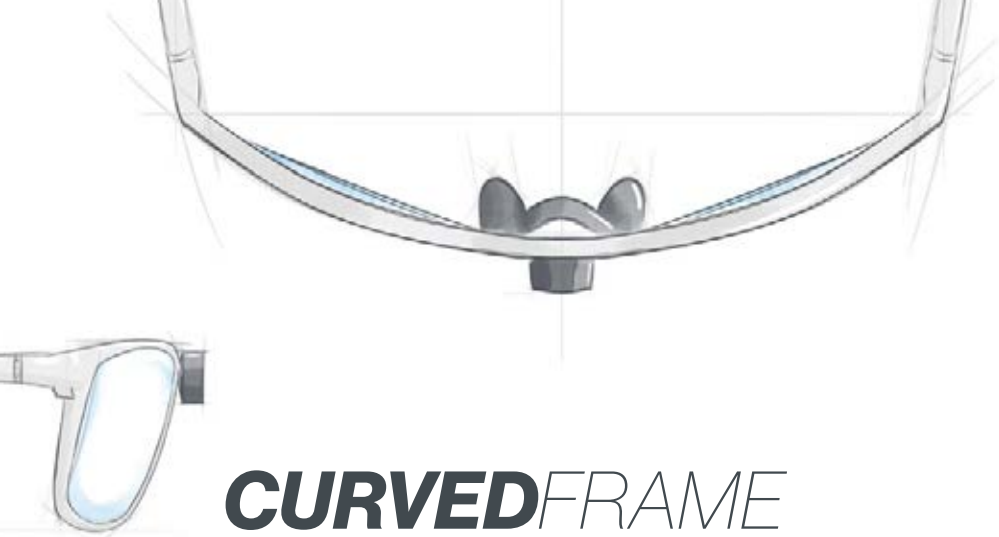


# TITANFRAME

A timeless design made out of an extremely stable material – titanium. The ultra-light yet dimensionally stable precious metal is always on trend and meets all the requirements of your everyday work. No matter how demanding, the TITAN-FRAME guarantees comfort, durability, and style in perfection.

|                      |   |                             |
|----------------------|---|-----------------------------|
| <b>25g</b><br>Weight | <b>Prescription in the glass</b><br>Dioptric compensation | <b>Titanium</b><br>Material |
|----------------------|---|-----------------------------|





## **CURVED**FRAME

A modern, sporty aluminum frame that not only looks good, but also offers additional eye protection thanks to its pronounced curvature. The lightweight yet durable aluminum ensures a high level of comfort and durability, ideal for your demanding day-to-day work. With six different colors, the CURVED-FRAME also offers a variety of options to complement your individual style perfectly.

**25g**

Weight

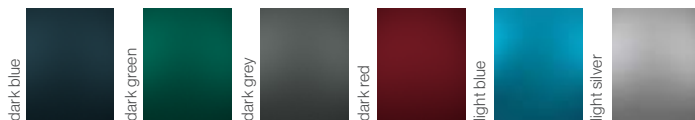
**Prescription in  
the glass**

Dioptic compensation

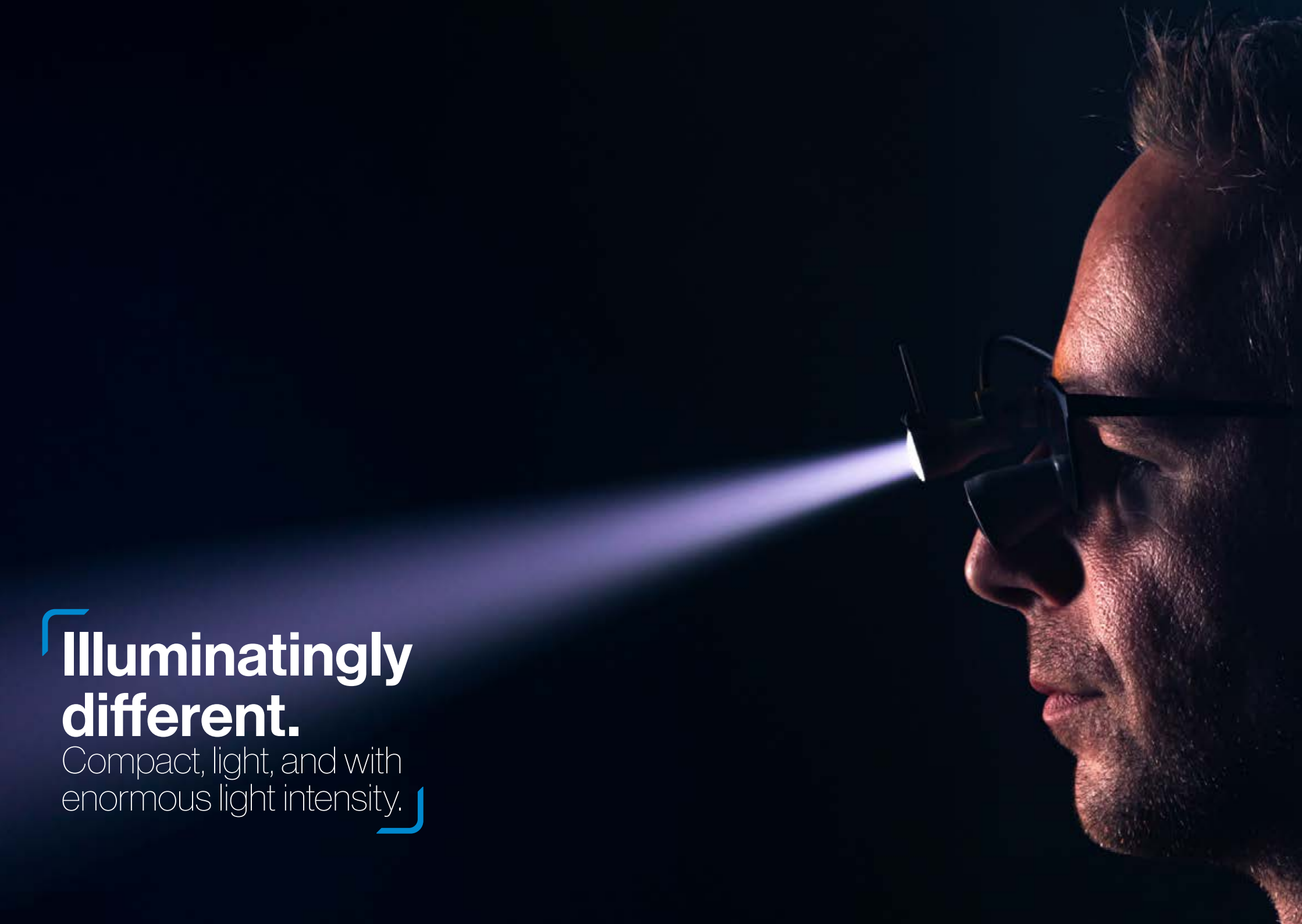
**Aluminum**

Material

Frame color

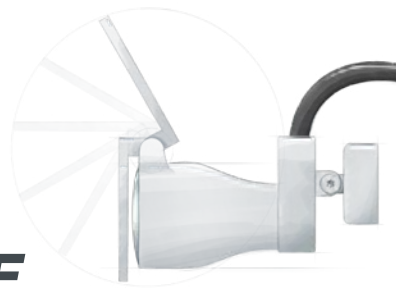


**The modern one.**  
More rounding,  
more colorful.



**Illuminatingly  
different.**

Compact, light, and with  
enormous light intensity.



## LED-LIGHT CIRCLE



The energy requirements of modern power LED systems are enormous and demand the right balance between runtime, light intensity, and weight. The LED-LIGHT CIRCLE was deliberately designed with a cable and external battery to provide you with enough light for the entire day. With just one charge, it can operate at the highest level for the entire day and will never leave you in the dark.

The circular and sharply contoured cone of light is exactly the size needed to homogeneously illuminate your entire treatment area. It stays dark on the outside so that your patients are not blinded.

The combination of glass lenses and aluminum housing not only keeps the weight low at 12 g, but also makes it easy to disinfect\* with alcohol-free, RKI-compliant disinfectants. The light can also be easily removed from the glasses using the magnetic adapter.

### 12g

Weight

### Glass

Optics

### Aluminum

Housing

Housing color

**COLORLINE**



\*Disinfection by spraying and wiping

**The powerful one.**  
A small light with  
a huge effect.



### General

|                       |                           |
|-----------------------|---------------------------|
| Brightness level [lx] | 20.000 / 30.000 / 60.000  |
| Color of light [K]    | 5700 (daylight)           |
| Adapter system        | Magnetic                  |
| Battery technology    | Lithium-ion, rechargeable |
| Discharge time        | 7h at 60,000 lux          |

### Housing

|                              |              |
|------------------------------|--------------|
| Material                     | Aluminum     |
| Lens system                  | Glass        |
| Color                        | COLOR-LINE   |
| Weight [g]                   | 12           |
| Dimensions<br>W x H x D [mm] | 20 x 21 x 40 |

# Long-lasting. Sustainable.

The way it was intended.

Long-lasting use of our products is a central aspect of the I.C. LERCHER company philosophy. Consistent use of high-quality materials such as glass and aluminum, combined with a well-thought-out design, makes this possible – sustainability through a long service life.

## **Servicing goes without saying.**

Our specialized service team can disassemble each VISIONX loupe into its individual components and replace any defective parts. No matter whether it is a defect in the frame or the optics. You can easily replace parts that are subject to wear and tear yourself, such as the nose pad or a bracket.

## **Prescription changes happen to everyone at some point.**

A visit to the optician or ophthalmologist sometimes explains a lot. Your arms get longer. or everything is no longer as sharp as it should be. The cause is often declining vision, which has a direct impact on the treatment procedure. We can't restore your vision, but we can adjust the VISIONX to your new visual impairment at a later point in time.



## **Conversion if your team changes.**

People come and go – never before has there been so much fluctuation in practices and clinics. At the same time, quality requirements are increasing, which is why loupes have become the standard. But what happens when a practitioner with a customized VISIONX leaves the team? We have a solution for that, too: Simply give VISIONX to the new team member and we will adjust all the parameters to meet their needs.



Designed & Manufactured  
in Germany

Im Sägenloh 8  
78333 Stockach

+49 (0) 7771 - 914 628-0

info@ic-lercher.de  
www.ic-lercher.de

