



See better, feel better!



MERIDENT
OPTERGO **mo**
OPTICAL ERGONOMIC SOLUTIONS

MeridentOptergo's concept

We want it to be possible for dentists and dental hygienists to practise their profession, year after year, without having to experience neck and shoulder pain. We have developed our concept using this approach.

As part of the concept, we offer advice to make you aware of the best way to sit. We then provide you with glasses and magnifiers designed specifically to suit your eyesight and working posture, with or without unique prism technology that angles your view to enable you to work in a correct position and see more clearly.

The concept can be described in four stages;

ERGONOMICS

We work closely with researchers to bring you the latest breakthroughs on how dental professionals can achieve a working posture for long-term ergonomic benefit and which working method provides optimal comfort.

UNIQUE OPTICS

We are world leaders in special optics and have different manufacturing techniques to guarantee the best possible solution for your needs.

For instance, our unique prism technology that angles the field of vision and enables you to sit upright. This technology works equally well in glasses and magnifiers and makes our solutions unique.

LICENSED BUSINESS PARTNERS

Our specialised Knowledge Centres are another key part of our concept. This is where we train representatives who are licensed in the fields of dental ergonomics and optics. They carry out a full examination, including measurements and analyses of the working distances, and provide you with ergonomic and practical instructions. This guarantees the best possible fit to meet your optical solution needs.

ULTRA-LIGHT SOLUTIONS

Ultra-light is a keyword for us. Throughout our product development process, we are committed to finding the lightest material with the greatest strength. As a result, we have the lightest solutions in the market. For example, an LED weighs just 6 grams, a flip loupe is 11 grams, frames are 6-16 grams and a fixed loupe including lenses and frame weighs only 38 grams. When you're wearing these products all day long, it's important that they are as light as possible.

Thanks to our unique optics, ultra-light-weight products, knowledge of ergonomics and licensed business partners, we can create individually tailored solutions to ensure a healthy working posture and visual acuity.

Please call us if you would like to get into contact with a Knowledge Centre near you.



Work glasses designed for dental professionals

The first thing to think about when you're choosing a good pair of work glasses is the right sort of frame. MeridentOptergo's frames are specifically designed for use in the dental profession. They are angled in a special way to allow the optics to be designed and positioned optimally, with the overall aim of

making it easier to work in an ergonomically correct manner and thereby eliminate neck and shoulder problems. All of our glasses are light-weight and comfortable to wear all day at work.

TITAN FIRM

- Material 100% quality titanium
- Weight 16 grams
- Available in 3 sizes and 5 colours
- Can be ordered with single-cut, bifocal, trifocal, progressive and prism lenses
- Compatible with flip-up loupes, TTL loupes and LED light



TITAN LIGHT

- Material 100% quality titanium
- Weight 8 grams
- Available in two sizes
- Can be ordered with single-cut, bifocal, trifocal and progressive lenses
- Compatible with flip-up loupes and LED light



SAFETY FRAMES

- Available in three models
- PC lenses with anti-fog coating (correction not available)
- Compatible with flip-up loupes and LED light



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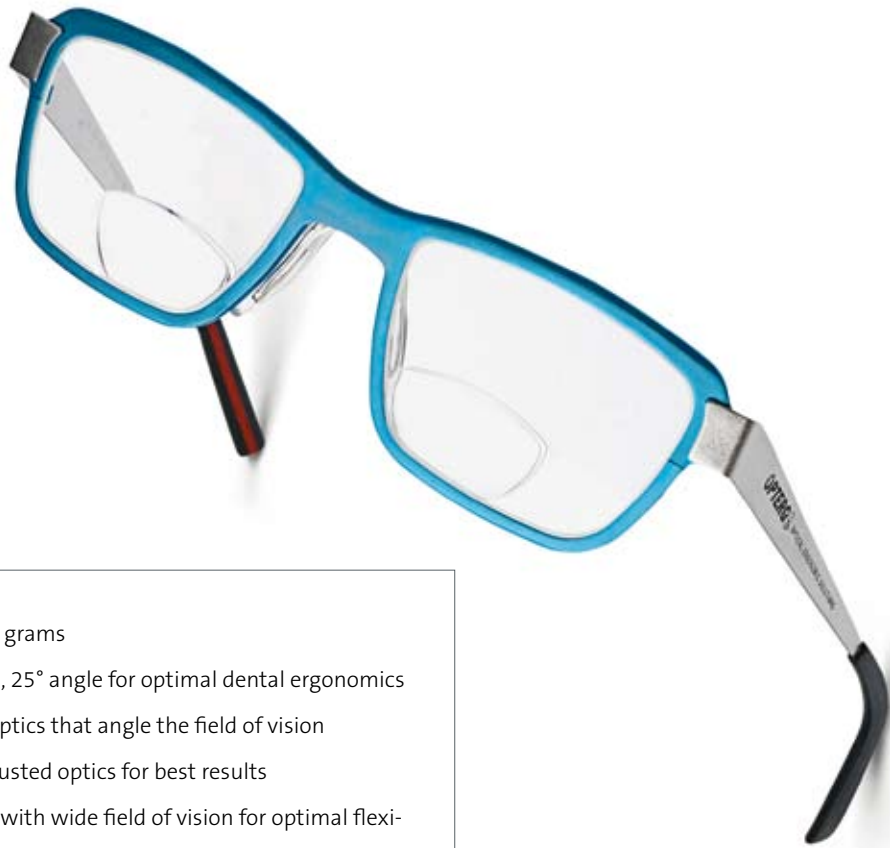
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PRISM GLASSES

Advanced prism technology for everyday living

MeridentOptergo's prism glasses are one of a kind when it comes to optics and promoting an ergonomically correct working position. They have revolutionised the way that dentists and dental hygienists work, because now they no longer have to assume awkward and uncomfortable positions to be able to see perfectly. The design of the frame, in combination with the built-in prismatic effect, angles the field of vision.

The image of what you are looking at is shifted upwards, allowing you to work in a comfortable and ergonomically correct position and still see even the smallest details in the patient's mouth.



- Total weight 23 grams
- Titanium frame, 25° angle for optimal dental ergonomics
- Unique prism optics that angle the field of vision
- Individually adjusted optics for best results
- Prism segment with wide field of vision for optimal flexibility
- Can be ordered as trifocal, i.e. with correction for three different distances
- Multicoated, anti-reflective, scratch resistant lenses
- Unique manufacturing method guarantees a perfect combination of the lenses' different optical parts
- Compatible with flip-up loupes and LED light

ULTRALIGHT FLIP-UP LOUPES

The world's most user-friendly magnification

MeridentOptergo's Ultralight Flip-up is unique for many reasons. It is the lightest in the market (just 11 grams), which is particularly important when being used for hours at a time. It is also the only fully adjustable loupe in the market allowing maximum flexibility for use at the required angle. Moreover, it is the only loupe that can be adjusted to different working distances and therefore to different users.

The MeridentOptergo Ultralight Flip-up is attached to the frame with a quick-release system, making it easy to put on, take off and clean. When not required, the loupe can simply be flipped up and out of the field of vision.

- Weight 11 grams
- Available in 2.0x, 2.5x and 3.0x (actual) magnifications
- Advanced optical design for best possible field of vision and visual acuity
- Multicoated, anti-reflective, scratch resistant mineral lenses
- Working distance can be adjusted as required
- Simple, durable construction that does not obscure the overall view
- Quick-release system makes it easy to switch between different loupes as required
- Flexi-hinge makes it easy to lift the loupe out of the field of vision when not required
- Can be fitted to many different glasses



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ULTRA-LIGHT TTL PRISM LOUPES

Integrated optimal ergonomics

MeridentOptergo's TTL loupe has an integrated prismatic effect, which shifts the field of vision upwards and enables the wearer to work in a comfortable position that does not strain the neck and shoulders.

The prismatic effect of the loupe interacts with the design of the frame, allowing the wearer to adopt a comfortable working position.

This means never having to bend the neck or rotate the eye more than the ergonomically acceptable and recommended limits.



- Total weight 38 grams
- Available in 1.6x, 2.0x and 2.5x (actual) magnifications
- Loupe fitted through lens for best possible field of vision and comfort
- Multicoated, anti-reflective, scratch resistant lenses
- Anti-reflective coating on the inside of the loupe increases eye comfort
- Dental-design titanium frame, 25° angle for correct loupe placing
- Laser system for exact adjustment provides optimal optical quality
- Can be ordered as trifocal with extra lens segment
- Compatible with DeLight LED light

DELIGHT LED LIGHT

Light up your work

MeridentOptergo's DeLight LED incorporates state-of-the-art LED technology and further increases the visual acuity that can be achieved with a magnifying loupe.

The lens refracts the light and directs it in a concentrated and effective beam, with carefully balanced ambient light for contrast adjustment.

Since the LED is attached to the frame of the glasses or loupes, the light shines in the direction of sight taking away shadows caused by overhead operation light.

In other words, even difficult-to-access areas are easily visible.

The innovative features incorporated in MeridentOptergo's DeLight make it the most user-friendly lamp in the market.



- *Weight just 6 grams*
- *Special lens converts the beams of light into one concentrated beam*
- *Flexible and comfortable cord*
- *Large power switch for simple, antiseptic use*
- *Compact battery holder that fits comfortably on a belt, under the arm or in a pocket*
- *Provides 9 hours of constant output*
- *The battery can be charged at any time*
- *Easy to attach with a click-on lock*
- *Adapter versions allow the LED to be used with different glasses and loupes*

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Not just glasses or loupes – but much more

Our philosophy is to ensure quality and care at every stage of the process. It is our ambition to help you find exactly the optical solution you are seeking and that meets your needs – whether this is a pair of regular glasses, a magnifying loupe or a pair of prism glasses that angle your field of vision.

The dental profession sets high standards for good vision and it is often difficult to meet these standards in combination with a good working posture. This is one of the reasons why as much as 65 percent of all dentists and dental hygienists experience neck and shoulder pain.

However, there is a solution. We know how problems can be avoided using good optics that are tailored to the user's requirements. We have provided our partners with special training in dental optics and ergonomics to enable them to help you find the optimal solution for your individual needs.

Our products are specifically designed to satisfy the special needs of the dental profession regarding good vision and a healthy working posture. We combine optical expertise and knowledge about ergonomics with a totally unique method of manufacturing. As a result, we provide our customers with state-of-the-art glasses, loupes and LEDs that not only ensure good visual performance but also a completely new posture.



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