

Merident

Enjoy Your Work!



Working Vision and Ergonomics



Good vision is a necessary prerequisite for high-quality dental care. The right working posture helps prevent the muscular-skeletal disorders that dentists typically suffer from. Combining good vision with correct ergonomics is difficult because the correct posture increases the working distance and affects accurate vision. The conditions in the mouth complicate things even further.

Since 1996, Merident Oy of Finland has developed aids and methods for solving these problems. As a result of clinical development work, we have succeeded in creating a product suite that offers unrivalled ease of use. Thanks to our unique

Fitting System, it's easy to find the most suitable Merident products that are ergonomically adjusted to match your needs exactly.

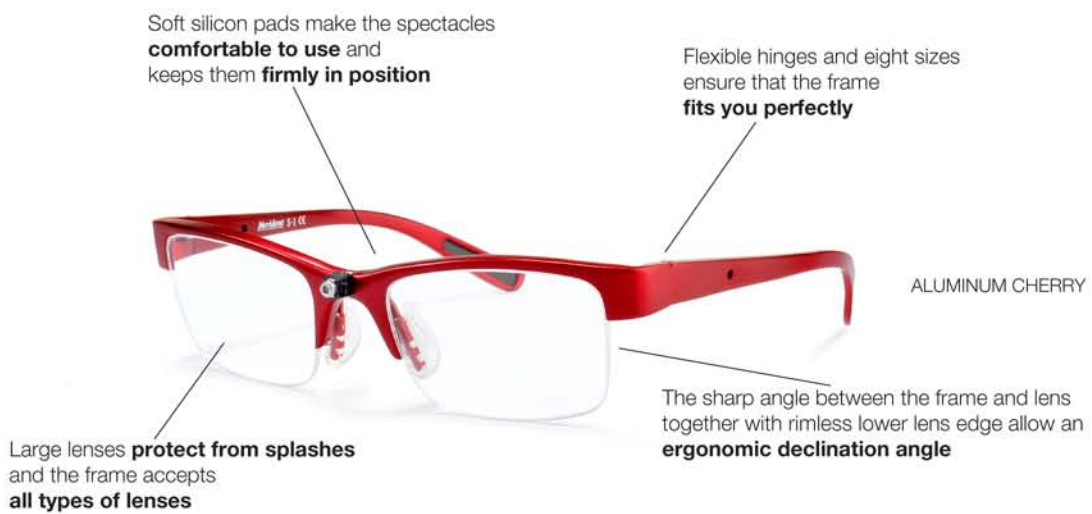
Enjoy your work!



Ergonomic Eyewear

The first step to ensure accurate vision at work is to choose suitable spectacles. The advanced technical solutions used in Merident's eyewear guarantee efficiency in all situations. The frames are specifically designed for dental work and for use with a loupe. If your vision changes with time, you can have the lenses easily replaced by your optician at an affordable price.

Merident Aluminum



ALUMINUM GUNMETAL



ALUMINUM CHAMPAGNE

Merident Titan

The extremely lightweight Merident Titan spectacles share the same functional properties with the Aluminum frames. The Titan frames come in two sizes.



TITAN S

Safety

The best protection is provided by safety goggles. Because of the curved lens, any refractive errors are corrected with contact lenses. Three models of safety goggles are available.



INFIELD STRATOR

Ultralight™ Loupes

Once the right spectacles have been selected, accurate vision is attained with Merident Ultralight™ loupes. The world's lightest Ultralight™ loupes offer the benefits of flip-up and through-the-lens models without any of the drawbacks typically associated with them. Merident Ultralight™ loupes are the only freely adjustable loupes on the market without any standard angles – meaning that you are free to work exactly in the posture you want to.



The Merident Ultralight™ range includes three types of loupes with different optical characteristics. We will help you select the loupe that best suites your working methods.

EASY Flexibility

ERGO Efficiency

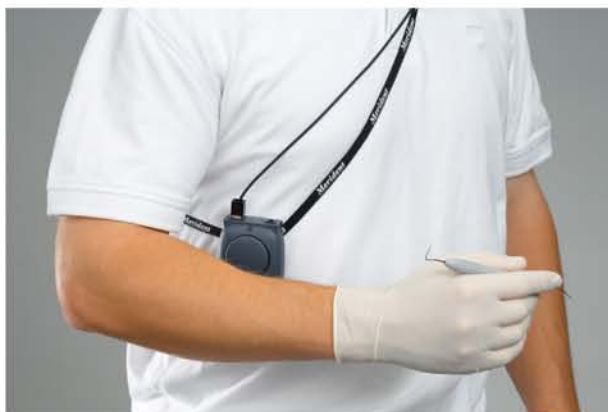
ENDO For complicated procedures

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Field of vision						Field of vision						Field of vision							
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Depth of field						Depth of field						Depth of field							



DeLight2 LED-Light

The Merident DeLight2 loupe light, which makes use of the latest LED technology, improves the visual acuity achieved with loupes even further. The bright light coming from the direction of sight eliminates shadows and makes it possible to see even the most inaccessible spots. The innovative ideas used in the DeLight2 make it the most user-friendly LED-light available in the market.



Compact battery compartment can be worn unobtrusively on belt, under arm or kept in pocket

Fitting System



Merident's products can be combined into hundreds of individual sets. Each set is delivered from the factory fully adjusted according to your personal ergonomic requirements. To determine the optimum product set and personal ergonomic adjustments, we make use of the unique Merident Fitting System.

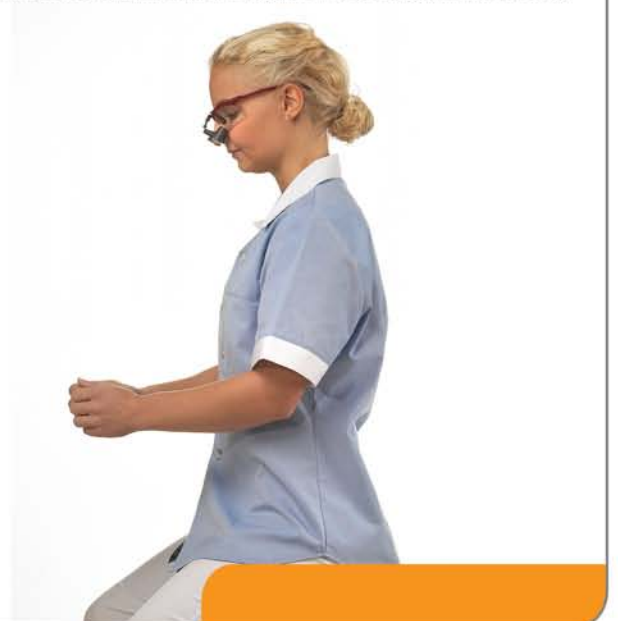
1. Suitable Products

Our product specialists help you select the correct product combination in accurately simulated working conditions. This ensures that the chosen Merident products fit your working methods perfectly.



2. Individual Ergonomics

We also help you determine the optimum working posture in accordance with the ergonomic recommendations and your personal preferences. Your optimum working posture is recorded and the selected products are adjusted accordingly at the factory.



Technical Data

Merident Ultralight™

EASY

ERGO

ENDO

Magnification*	2.0-2.5x	2.5-3.0x	3.0-3.5x
Weight	11g	12g	13g
Working distance**	30-50cm	25-45cm	30-60cm
Field of vision***	100-130mm	60-100mm	50-90mm
Depth of field****	30cm	20cm	10cm

* Compared with other commercially available loupes.

** Merident Ultralight™ loupes are the only loupes in the market to have an adjustable working distance. An accurately adjusted distance permits an ergonomic working posture without eye strain.

*** Depends on the working distance. The greater the distance, the larger the field of vision.

**** Depends on lighting conditions and eye's adaptability. Adaptability decreases with age.

Merident DeLight2

Lamp

- 5300K power-LED
- Measurements 21x22mm
- Weight 6g
- Lifetime 50 000h

Mains Adaptor

- Pri: AC100-240V 50/60Hz 450mA
- Sec: DC12V 1500mA

Control Unit / Battery Pack

- 4400 mAh Li-Ion rechargeable battery
- Continuous operation time 10h
- Recharge time 3h (empty to full)
- Measurements 101x62x34mm
- Weight 160g





Authorized Merident Dealer

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