

Loupe

opt-on® 2.7/3.3 TTL

Sharp vision

Light system

spot-on® nxt

Highlight



The unbeatable
lightweight duo –
made in Biberach

Loupe **opt-on**®



Flexible working angle

- >> Each temple is adjustable in three stages to adapt the working angle individually to posture and physiognomy



Flattened geometry of oculars

- >> Facilitates looking over the oculars conveniently to patient and colleagues
- >> No annoying limitations of vision (smart window)
- >> Pleasant change of vision from distance to near = the eye relaxes
- >> Patent pending



Maximum depth of field

- >> Quality optics made in Germany
- >> 3-lens system with two glass lenses and one aspheric lens according to the latest calculations for optimal depth of field

Comfortable fit

- >> Nose pads to fix in two positions for optimal fit of loupe
(optional: Asian-fit nose bridge)



Super sharp vision

- >> Focus on central field of view by maximum reduction of stray radiation

The right magnification for each indication

- >> According to Galileo
- >> 2.7-fold magnification
- >> 3.3-fold magnification

- >> Light weight of only 32 g
- >> Heavy weight in quality of vision

Wear it all day long and hardly notice it

- >> Light weight of only 32 g
- >> Sportive, aesthetic design
- >> Wearing comfort and greater field of view all day long. You need to put the loupe on and off fewer times and thus reduce the risk of infection.



Do you already have glasses? No problem!

- >> The correction adapter adapts the loupe to your personal visual acuity. Your vision profile can be adapted at any time by simply changing the lenses, if your visual acuity changes.



Robust

- >> Glasses made of robust premium-quality plastics (polycarbonate, polyamide)



Customized loupe

- >> Individual pupillary distance (PD) between 56 and 76 mm as well as variable working distance by means of six selectable Vario clips 25 - 30 - 35 - 40 - 45 - 50 cm enable individually optimized vision

Variable working distance

- >> Replaceable Vario clips to adjust the working distance retroactively by +/- 5 cm
- >> Patent pending

opt-on® 3.3 Loupe for advanced users

- >> Can be used for any type of treatment
- >> Depending on the working distance, almost the entire dental arch is visible, so that you do not need to change your posture during treatment anymore.
- >> Ideal for dental therapists who are unexperienced in using loupes
- >> Ideal for students
- >> Ideal for prophylactic treatment

- >> Ideal for endodontic und implant treatment
- >> Use as second loupe for special cases

Working distance (Vario clips)	250 mm [10 inch]	300 mm [12 inch]	350 mm [14 inch]	400 mm [16 inch]	450 mm [18 inch]	500 mm [20 inch]
Field of view 2.7x*	62,5 mm [2.5 inch]	75 mm [3 inch]	87,5 mm [3.4 inch]	100 mm [3.9 inch]	112,5 mm [4.4 inch]	125 mm [4.9 inch]
Field of view 3.3x*	51 mm [2 inch]	61 mm [2.4 inch]	72 mm [2.8 inch]	82 mm [3.2 inch]	92 mm [3.6 inch]	102 mm [4 inch]

* Approximate dimensions

- >> Frames are available in different colours and can be replaced retroactively



Transparent



White



Black



Red



Flat black



Flat copper



Prophy



MKG



Impla



Endo



Pro

Light system **spot-on®** nxt

The highlight – simply ingenious

- >> Light weight of only 7g for permanent, pleasant wearing comfort
- >> CRI 90 for optimal true colours (100 = sunlight)
- >> Colour temperature of 5700k
- >> 45,000 lx; max. 4 hours permanent lighting
- >> 30,000 lx; max. 7 hours permanent lighting
- >> 20,000 lx; max. 10 hours permanent lighting
- >> 3 attachment options:
 - a) Fixed (no extra charge)
 - b) Flexible (removable)
 - c) Magnet



Orange filter

- >> Extreme delay of light curing

Powerful rechargeable battery

- >> Weight of only 85g
- >> Battery runtime of up to ten hours
- >> Charging time of only three hours



One-Touch

- >> Use One-Touch to change and indicate the light intensity in three stages (yellow)
- >> Three-stage battery charge indicator (green)
- >> Smooth surface for maximum hygiene



One-Connect

- >> Light supply or charging one magnetic connector only (prevents short-circuits)
- >> When the cable tightens, the connector disengages and prevents cable break.



Bodyfit

- >> Convenient clip for waist belt or pocket
- >> Optional wristband (as of 2017)

>> More than 4,000 content customers

"Clearly improved working posture and always the optimal working distance facilitate more precise working. Even after I had worn it for eight hours I did not feel the loupe."

*Solveyg Hesse, dental hygienist
Tostedt/Hamburg, Germany*



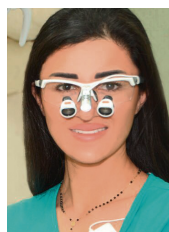
"With the opt-on loupe, I can choose the working distance that is optimal for me and adapt my posture accordingly. In prophylactic treatments, I can see the entire dental arch at once. An incredible gain for my work."

*Karmen Hatter, dentist
Amman, Jordan*



"As dental technicians, our eyes are under massive stress every day. Working in confined spaces under diverse lighting conditions is very exhausting for us. We spent a lot of money on microscopes and other optical aids. Today, we manufacture our highly precise dental prostheses only using the opt-on loupe by orangedental."

*J & J Zahntechnik
Kusterdingen/Tübingen, Germany*



"With the opt-on loupe with the flattened oculars by orangedental, I can look at the patient and my colleague without touching the loupe. It saves me the trouble of changing or taking off the loupe – a fantastic relief during treatments."

*Karmen Hatter, dentist
Amman, Jordan*



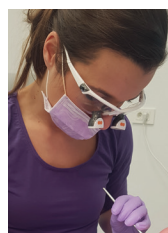
"... because it is so light, has great depth of field and is easy to clean."

*Prof. Dr. med. dent.
Kai-Hendrik Bormann
Hamburg, Germany*



"I like all products by orangedental, just like the company itself. My work becomes by far more precise."

*Dental technician Matej Brate, laboratory
Domžale, Slovenia*



"Only 32 grams, that is awesome. My neck appreciates it. I can locate caries cavities with ease."

*Barbara Budič, Dr. med. dent.
Visnja Gora, Slovenia*



"Prophylaxis has another quality thanks to the opt-on 3.3 by orangedental. I am thrilled of the focus of the light – new worlds open up!"

*Angelika Frenzel, ZMF
Chemnitz, Germany*