

HEINE QUALITY
MADE IN GERMANY

· HEINE Binocular Loupes and Headlights

Perfect view for highest accuracy during all procedures.
As individual as your daily work.

EXPERIENCE THE DIFFERENCE





Experience HEINE® ML4 LED HeadLight

Perfect fit. Perfect view.
During long procedures.

Specially designed for healthcare professionals who need a perfect view during long surgical operations or treatments. The headband offers multiple adjustments points and soft padding ensuring highest comfort and a firm fit.

LED HQ
LED NOW IN HEINE QUALITY.



TOPSELLER IN ALL SURGICAL SPECIALTIES

● **Choose your power source.** Wireless, headband-mounted (UNPLUGGED) or portable power pack (mPack) (see page 6).

● **Perfect fit.** Through multiple adjustment points.

● **Shadow free image.** Through a compact coaxial design.

● **Adjustable spot size.** e.g. 30 to 80mm at 420mm working distance – for an optimal field of view.

● **Unique HEINE LED^{HQ}.** 65,000 Lux. Homogenous. True colour rendering.

● **i-View loupe mount.** For any angle of view. With flip-up function.



> For ordering information, please see the last page or visit www.heine.com



Experience HEINE® LoupeLight 2

Brighter. Lighter. Improved functionality.

MOST TRUSTED BY DENTISTS AND ENT SPECIALISTS

LED^{HO}
LED NOW IN HEINE QUALITY.

NEW!



NEW! mPack mini.
Smaller. Lighter.
USB charging. 9 hours
operating time.

**NEW! Replaceable high
quality connecting cord** with
a splashproof threaded
connector.

Shadow free.
Through a compact
coaxial design.

Unique HEINE LED^{HO}
NEW! 55,000 Lux. Homogenous.
True colour rendering.

● **i-View loupe mount.**
For any angle of view.
With flip-up function.

● **Aluminium housing.**
Exclusive. Light Weight.
Durable.

● **Shadow free.**
Through a compact
coaxial design.

> For ordering information, please see the last page or visit www.heine.com

HEINE® MicroLight 2

Ultralight. Universal. Without magnification.

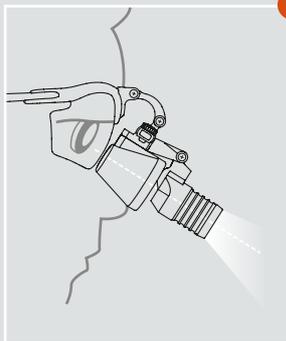




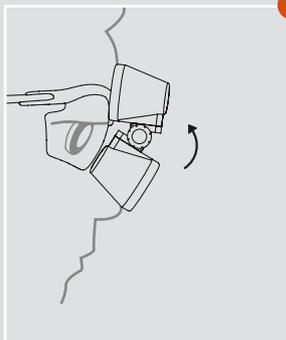
Experience HEINE® Binocular Loupes

High resolution. Crisp image.
Various magnifications.

- Your optimal loupe is as individual as your work. HEINE's HIGH TECH optics offer a large variety of loupes to fulfill your individual needs (see page 6).
- Experience the difference of getting less tired – even during long procedures through
 - Crisp, high-resolution image
 - Large field of view
 - Homogenous magnification
 - Lightweight
 - Multi-coated, achromatic technology (HR) or
 - Prismatic for high resolution (HRP)



- **Unique HEINE i-View Loupe Mount**
Adjustable viewing angle ensures a coaxial, shadow-free image.



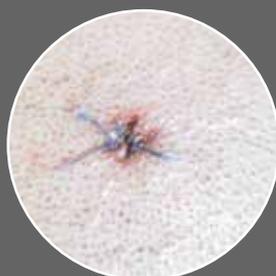
- **Flip-up function.**
Ability to flip optics up for unmagnified views and overview.

OPTIMAL MAGNIFICATION

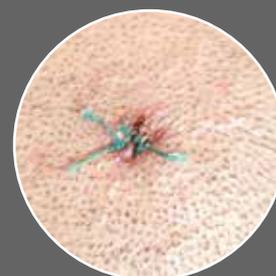
EXPERIENCE THE DIFFERENCE: THE PERFECT COMBINATION OF OPTIMAL MAGNIFICATION ...



Without light and
without magnification



With a comparable
competitor product
(with illumination and
with magnification)



● With HEINE 2.5x
Binocular Loupes
and LoupeLight 2



∴ Experience unique HEINE LED^{HQ}

Bright. Homogenous. True colour rendering.

- LED is not just LED. Experience five important differences of HEINE LED^{HQ} quality for perfect illumination during your daily work.



OPTIMUM BRIGHTNESS

55,000 – 65,000 Lux, the proven optimum for our Loupelights and Headlights, will allow you to discern even slightest abnormalities.



EDGE TO EDGE HOMOGENEITY

A coaxial, absolutely bright and uniform light spot.

CRI
90

TRUE COLOUR RENDERING

Comparable with daylight, indicated by a Colour Rendering Index (CRI) of 90: Red is red and blue is blue.



IDEAL TEMPERATURE MANAGEMENT

The compact, ergonomic design with a heat-conducting foil and an aluminium heat sink ensures optimal LED performance and life time.

LONG
LIFE

UNLIMITED WORKING LIFE

The Integrated HEINE LEDs^{HQ} in HEINE Head- and Loupelights have virtually unlimited working life and are maintenance-free.

LED^{HQ}

LED NOW IN HEINE QUALITY.

PERFECT ILLUMINATION



... AND BRIGHT AND HOMOGENOUS ILLUMINATION AND TRUE COLOUR RENDERING



Without light and without magnification



With a comparable competitor product (with illumination and with magnification)



● With HEINE 2.5x Binocular Loupes and Loupelight 2

LED^{HQ}
LED NOW IN HEINE QUALITY.

Experience your perfect combination



In only 4 steps. Choose your perfect configuration.



S-FRAME

1



Professional L Headband

MOUNTING OPTION

In a lightweight professional design for fatigue-free work

2



HR 2.5x/340mm



HR 2.5x/420mm



HR 2.5x/520mm



HRP 3.5x/420mm



HRP 4x/340mm



HRP 6x/340mm

MAGNIFICATION AND WORKING DISTANCE

Choose the smallest magnification that fulfils your requirements. The lower the magnification, the easier it is to use the loupes due to the larger field of view and better depth of focus. The working distance depends on personal preference.

3



ILLUMINATION

Choose between the LoupeLight 2 and the ML4 LED.



LoupeLight 2 for S-FRAME

Compact and lightweight. Coaxial illumination. Typ. 55,000 Lux



ML4 LED HeadLight for Professional L Headband

Coaxial illumination. Flexible power source options. Typ. 65,000 Lux

4

POWER SOURCE



mPack mini Portable power pack



mPack Portable power pack



mPack UNPLUGGED Wireless. Headband-mounted

For more information, please contact us!

Experience true individuality

Ordering information.

PERFECT VIEW

ML4 LED HeadLight
on Headband
Professional L with
HR Binocular Loupes
and S-GUARD

J-008.31.441

NEW!
MicroLight 2
on lightweight
headband

J-008.31.277

ML4 LED HeadLight
on Headband
Professional L

J-008.31.416

NEW!
LoupeLight 2
on S-FRAME
with HR Binocular
Loupes

C-008.32.451

NEW!
LoupeLight 2
on S-FRAME
with HRP
Binocular Loupes

C-008.32.453



Our most trusted sets:

LOUPES AND LIGHTS

ML4 LED HeadLight with HR/HRP Binocular Loupes with i-View loupe mount and S-GUARD on Headband Professional L, mPack and plug-in transformer, cleaning fluid

with HR Binocular Loupe 2.5x / 420mm working distance

J-008.31.441

with HRP Binocular Loupe 3.5x / 420mm working distance

J-008.31.442

NEW! LED LoupeLight 2 with HR/HRP Binocular Loupes with i-View loupe mount on S-FRAME, detachable yellow filter, mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, protective lenses, 2 sterilisable levers, retaining cord, cleaning fluid in case

with HR Binocular Loupe 2.5x / 420mm working distance

C-008.32.451

with HRP Binocular Loupe 3.5x / 420mm working distance

C-008.32.453

LIGHTS ONLY

ML4 LED HeadLight on Headband Professional L with Wall Transformer EN50 UNPLUGGED, 2x mPack UNPLUGGED

J-008.31.416

NEW! MicroLight 2 on lightweight headband with mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, retaining cord and cleaning fluid, in case

J-008.31.277

LOUPES ONLY

Binocular Loupes Sets with i-View on S-FRAME, Protective lenses, 2 sterilisable swivel levers, retaining cord, cleaning fluid, cleaning cloth, carrying case

with HR Binocular Loupe 2.5x / 420mm working distance

C-000.32.356

with HRP Binocular Loupe 4x / 340mm working distance

C-000.32.431

NEW!

Find your individual combination with all the various loupes options on www.heine.com/binocular_loupes_headlights



In 1946 our founder, Helmut A. Heine started HEINE Optotechnik with one goal in mind; to build the highest quality diagnostic instruments available in the world. It was his belief that the highest quality instruments will always best support the health care professional in making the earliest and most accurate diagnosis. For over 70 years, our customers have been able to rely on this promise, and on their HEINE instruments for precise diagnostic performance, unique functionality and long lasting durability.

Today, as a global leader in primary diagnostic instruments with over 500 employees we remain committed to our founding principles. We are still a 100% family owned and managed company and care deeply about our employees, our customers, and the quality of our products. We continue to develop and manufacture HEINE instruments exclusively at our facilities in Germany, where we combine decades-long experience and craftsmanship with the most modern manufacturing technologies.

www.heine.com



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Your distributor

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**“You can
only treat
what you
see!”**

Dr. Erik Vetter
(MSc Master of Science Implantology,
Diplomate ICOI Implantology,
Periodontology, Aesthetic Dentistry)
testing HEINE HRP Loupes.

