

✦ **HEINE LED MicroLight®**
Ultralight, universal Headlight.



The LED MicroLight. Ideal for all surgical and dental applications. A unique custom LED Headlight, with the choice of a versatile lightweight headband or the high-tech HEINE S-Frame. The high-performance LED in combination with precision ground glass lenses impresses with exceptionally bright, white, homogenous light filling the entire light spot edge to edge.



HEINE LED MicroLight®

- ⌘ **Advanced LED Technology.** White, homogenous light, ideal for all surgical and dental applications.
- ⌘ **Compact and lightweight.** Ensures perfect comfort.
- ⌘ **Aluminium Housing:** Compact and long lasting with advanced heat management. Housing does not heat up.
- ⌘ **Waterproof design.** Easy to clean.
- ⌘ **Individual adjustment of height and angle of view.** 100 % coaxiality for shadow-free light.
- ⌘ **Homogenous illumination of the whole field of view.** Approximately 81 mm illumination field at 420 mm, approx. 95 mm at 500 mm working distance.

Technical Specification

Illumination	40.000 Lux at a working distance of 250 mm
Colour Temperature	6,250 Kelvin
LED Operating Life	1W super-high output LED rated at 50,000 hours operating life
Weight	50 g together with S-Frame, 165 g together with Lightweight Headband
Angle of Declination	Individually-adjustable for every examination and 100 % coaxiality
Operating Time	17 hours (with mPack LL)



[01]

HEINE mPack LL® [01]
Power Source

- ⌘ **Portable power pack.** Does not tie the user to desk, wall or static power supplies.
- ⌘ **Li-ion Technology.** Triple capacity compared with current NiCd systems. No memory effect, autonomy for 17 hours.
- ⌘ **Fast Charge.** Charges to full capacity in 2 hours.
- ⌘ **Charge Status Display.** Always lets you know how much operating charge you have left.
- ⌘ **Stepless light intensity control.** Optimum brightness setting prevents reflexes.

HEINE S-Frame® [02]
HEINE Lightweight Headband [03]
Mounting Options



[02]

S-FRAME

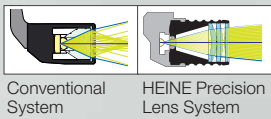
- ⌘ **Maximum comfort** with a modern, ergonomic design.
- ⌘ **Innovative materials** – Carbon-Kinetium reduces weight (50g together with LED MicroLight).
- ⌘ **Tough polycarbonate protective lenses.**
- ⌘ **Malleable temples and nose pad.** Can be customized to fit any face perfectly.



[03]

HEADBAND LIGHTWEIGHT

- ⌘ **Lightweight** (165 g together with LED MicroLight). Ideal for spectacle wearers.
- ⌘ **Fully-adjustable for width to fit any head.**
- ⌘ **Hygienic and comfortable leather cushions.**



∴ **Precision multiple lens optical system** consisting of four high-quality lenses. Completely homogenous illumination of the whole field of view and a clearly defined light spot.



ORDERING INFORMATION

LED MicroLight	
LED MicroLight on S-Frame with mPack LL, plug-in transformer [01] and retaining cord in case	J-008.31.290
LED MicroLight on Headband Lightweight with mPack LL and plug-in transformer [01] in case	J-008.31.295
Detachable Yellow Filter (optional) [02]	C-000.32.241

For further information, please consult the HEINE Master Catalogue 2011 or visit www.heine.com.



■ HEINE SUBSIDIARY COMPANIES
■ HEINE REPRESENTATIVES

A company makes history and gives a name to outstanding product quality: HEINE.

Founded in 1946, family owned, rich in tradition and today international market leader in a complete range of diagnostic instruments. HEINE products meet all international standards (ISO/CE) and represent the leading edge in precision and ergonomic design. Ongoing dedication to research and development has created a solid and diverse technology base for continued quality and product leadership. Over 500 employees worldwide contribute to this success.

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We reserve the right to change specification without notice.

Your distributor

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