

## HEINE LED HEAD LIGHT

**POWERFUL LED ILLUMINATION**

**50,000 LUX at 250 mm**

**5 YEARS WARRANTY**



30884

- **30884 HEINE ML4 LED<sup>HQ</sup> HEAD LIGHT - J.008.31.413**
  - LED in HQ; defining optimal light intensity (50,000 lux at 250 mm), brightness and homogeneity from edge to edge, and colour rendering (4,500 k, CRI >90, R9 > 75). This ensures true colour tissue for the most accurate diagnosis.
  - **Coaxial illumination:** ensures a completely shadow-free image and allows for excellent illumination of difficult to see areas.
  - **Lithium Battery:** for up to 8.5 hours of continuous working.
  - **LED Thermal Management:** guarantees consistent quality and performance throughout the LED's lifetime (50,000 hours).
  - **Adjustable illumination spot size:** 30 to 80 mm spot size range (at 420 mm working distance) to fit any examination situation.
  - **Comfortable and secure fit:** multiple adjustment points and soft padding for comfort and stability even during long procedures.
  - **Illumination Intensity Control:** for precise brightness setting. Rechargeable battery pack and direct mains transformer included.
- **30883 HEINE ML4 LED<sup>HQ</sup> HEAD LIGHT with DV1 DIGITAL VIDEOCAMERA and mPack<sup>®</sup> UNPLUGGED - J-008.31.470**  
Same as above with high resolution digital videocamera 1.3 megapixel
- **30886 HEINE BINOCULAR LOUPE 2.5X-340 mm - J.000.31.370**
- **30887 HEINE BINOCULAR LOUPE 2.5X-420 mm - J.000.31.371**
- **30888 P2 POLARIZATION FILTER FOR ML4 AND 2.5X LOUPES - J.000.31.326**

**TECHNICAL SPECIFICATIONS**  
 Power supply: mPack<sup>®</sup> Rechargeable Battery Pack with Li-ion battery and direct mains transformer  
 Illumination: 50,000 lux at a working distance of 250 mm  
 LED operating life: 50,000 hours  
 Spot adjustment: 30 mm to 80 mm illuminated field diameter (at 420 mm)  
 Colour temperature: 4,500°K Made in Germany

## HEINE BINOCULAR LOUPES



### HEINE<sup>®</sup> S-FRAME<sup>®</sup> WITH BINOCULAR LOUPES

- **Achromatic optics:** crisp, bright image with colour-correction.
- **Multi-coated, scratch-resistant silica glass lenses** - produce crisp, clear images. High magnification with a large field of view and excellent depth of field.
- **Water resistant**
- **Flexibility for precise adjustment:** independently adjustable Pupillary Distance controls ensure precise alignment of the optics, for a stereoscopy view.
- **i-View loupe mount;** provides any angle of view and the possibility flips up and down the optics to exclude or include the magnification during any procedure.
- **Different magnification and working distance.**

GIMA code	BINOCULAR LOUPES	Magnification	Working distance	HEINE code
30930	Heine binocular loupes	2.5X	340 mm	C-000.32.355
30931	Heine binocular loupes	2.5X	420 mm	C-000.32.356
30932	Heine binocular loupes	4X	340 mm	C-000.32.431

- **30888 P2 POLARIZATION FILTER FOR ML4 AND 2.5X LOUPES - J.000.31.326**
- **30935 HEINE LED LOUPELIGHT with mPack<sup>®</sup> LL and plug-in transformer - C-008.32.264**  
HEINE LED in HQ (50,000 lux at 250 mm, 4,500 k, CRI>90, R9 > 75) provides the best coaxial, intense, accurate and homogeneous LED illumination. 17 hours continuous ON time at full power with mPack LL. LED Thermal Management ensures consistent quality and performance of the illumination throughout the LED's lifetime rating of up to 50,000 hours.



## IUKO VISION MODULAR SYSTEM

### GALILEAN TELESCOPES

- **30864 CALLIOPE - Galilean telescope 3X - dental (working distance 35 cm)**
- **30865 CALLIOPE - Galilean telescope 3X - surgical (working distance 45 cm)**
- **30866 CALLIOPE - Personalized Galilean telescope: magnification from 2X to 3X, working distance from 28 to 60 cm - specify with order**



### TELESCOPE + PROJECTOR

- **30870 NIKE - Galilean telescope 3X (35 cm) + projector**
- **30871 NIKE - Galilean telescope 3X (45 cm) + projector**
- **30876 BATTERY PACK - spare**



### ADJUSTABLE PROJECTOR

- **30867 IRIDE - LED light projector**
- **30876 BATTERY PACK - spare**

Irde is supplied with a compact, light, rechargeable power bank (battery), a 15 cm cable for use on head band and one 1 m cable for use from pocket



### SHIELD + TELESCOPE and/or PROJECTOR

- **30860 TETI - protective shield (2 shields included)**
- **30875 SET OF 5 TRANSPARENT FACE SHIELDS - spare**

