

GERMAN FLEXIBLE NOSEPHARYNGOSCOPE

• **71602 FLEXIBLE NOSEPHARYNGOSCOPE** with cable
It includes fibre optic cable and rigid case for transport, conventional image guide system, 2 way deflection, one hand operation, completely soakable. Resolution: 12,000 pixels.

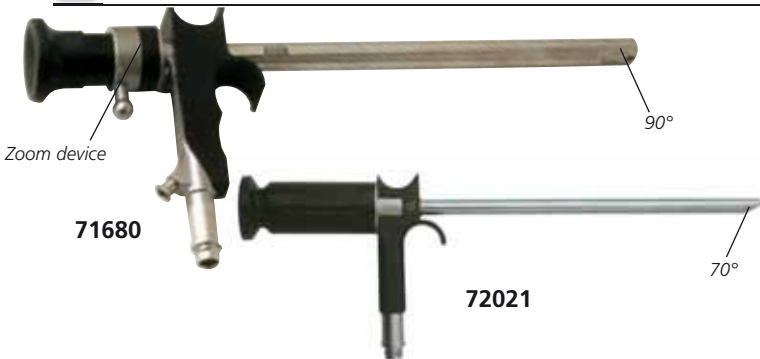
TECHNICAL SPECIFICATIONS

Working length: 300 mm Working Ø: 3.2 mm
Deflection: up 160°, down 160°
Length of movable tip section: 20 mm
Direction of view: 0° Field of view: wide angle
Depth of focus: 3-60 mm - angle of: 80°
Made in Germany

• **71610 ENDOSCOPY MOUTHPIECE** - bag of 20 pcs
Disposable bite blocks



LOOP LARYNGOSCOPE - TELE-LARYNGO - PHARYNGOSCOPE



- **71680 LOOP LARYNGOSCOPE** Ø 10 x 153 mm - 90°
 - **71681 TELE-LARYNGO-PHARYNGOSCOPE** Ø 8 x 164 mm - 70°
 - **71682 TELE-LARYNGO-PHARYNGOSCOPE** Ø 6 x 164 mm - 70°
- Sharp image, significant depth of field
- high performance illumination, German quality
- two different degrees of magnification:
panoramic view and examination of details (only 71680)
- integrated air channel for prevention of misted objective (only 71680)
- soakable and designed for gas sterilization
- working distance 15 mm to ∞
- **72020 LARYNGOSCOPE** Ø 5 x 175 mm - 70°
 - **72021 TELE-LARYNGOSCOPE** Ø 8 x 178 mm - 70°
 - **72023 TELE-LARYNGOSCOPE** Ø 8 x 174 mm - 90°

RIGID ENDOSCOPES



GIMA code	LUT RIGID ENDOSCOPES MADE IN GERMANY To be used for ENT and ARTHROSCOPY applications
71621	Otoscope Ø 2.7 x 34 mm - 0° - autoclavable
71641	Telescope Ø 2.7 x 110 mm - 0° - autoclavable
71643	Telescope Ø 2.7 x 110 mm - 30° - autoclavable
71645	Telescope Ø 2.7 x 110 mm - 70° - autoclavable
70012	Telescope Ø 2.7 x 187 mm - 0° - autoclavable
70014	Telescope Ø 2.7 x 187 mm - 30° - autoclavable
70016	Telescope Ø 2.7 x 187 mm - 70° - autoclavable
71661	Telescope Ø 4 x 175 mm - 0° - autoclavable
71665	Telescope Ø 4 x 175 mm - 30° - autoclavable
71668	Telescope Ø 4 x 175 mm - 45° - autoclavable
71667	Telescope Ø 4 x 175 mm - 70° - autoclavable

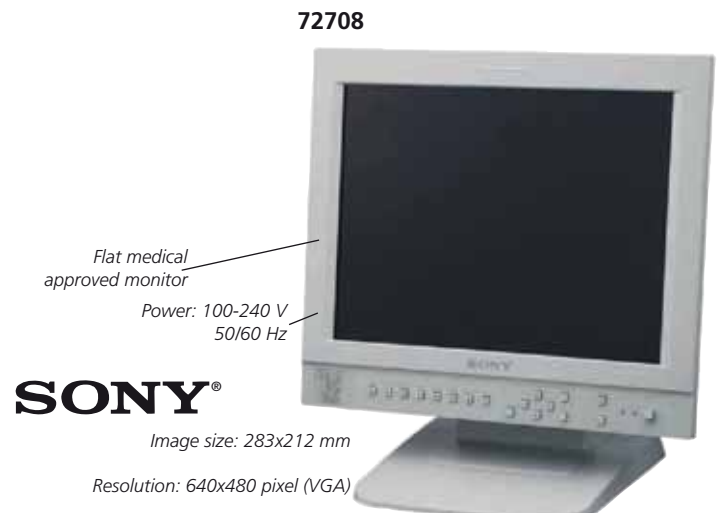
GIMA RIGID ENDOSCOPES to be used for ENT and Arthroscopy applications	
72007	Otoscope Ø 2.7 x 107.5 mm - 0°
72008	Otoscope Ø 2.7 x 107.5 mm - 30°
72009	Otoscope Ø 2.7 x 107.5 mm - 70°
72010	Sinuscope Ø 4 x 175 mm - 0° - wide angle
72011	Sinuscope Ø 4 x 175 mm - 30° - wide angle
72012	Sinuscope Ø 4 x 175 mm - 70° - wide angle
72013	Sinuscope Ø 4 x 175 mm - 45°
72015	Otoscope Ø 4 x 45 mm - 0°
72030	Sinuscope Ø 4 x 175 mm - 0° - wide angle - autoclavable
72031	Sinuscope Ø 4 x 175 mm - 30° - wide angle - autoclavable
ILLUMINATION HANDLES FOR ENDOSCOPES	
30795	FLYER HANDLE - light source for endoscopes 71621+30795
30794	FLYER LED HANDLE - powerful handheld light source

MEDICAL CERTIFIED, CAMERA AND MONITORS



TECHNICAL SPECIFICATIONS - 72509
Resolution PAL (lines horizontal): 625 Camera head: Ø44x135mm
Video system: PAL 1/3 CCD - CHIP Norms: EN60601-1-BF/CE
Video outputs: Y/C (S-VHS), F BAS Power supply: 100/230 V - 50-60/Hz
Size (w x h x d): mm 150 x 80 x 30 mm Made in Germany

GIMA code	CAMERAS, ACCESSORIES AND MONITORS
72509	C1 Compact Camera CCD chip 1/3 - soakable head and cable
72705	LCD Medical Monitor 15"
72708	Sony LMD - LCD Monitor - 15"



150 W HALOGEN LIGHT SOURCES



Thanks to connectors it can be used with STORZ, WOLF, OLYMPUS, PENTAX, FUJI cables

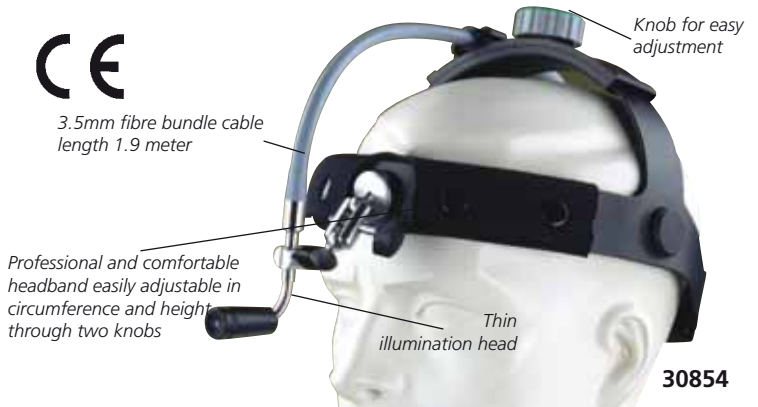
• 30801 GIMA LIGHT SOURCE 150 Watt
Compact, lightweight, powerful light source for endoscopic use. Equipped with a 150 watt halogen bulb. It has a small opening on the upper side for easy and quick replacement. A low noise fan positioned behind the halogen bulb provides the necessary cooling inside the metallic structure of the light source. A variable-intensity regulator enables selection 50 to 150 W. User manual in English, Spanish, French, Italian, Greek, Portuguese.

• 30802 GIMA DOUBLE LIGHT SOURCE 150 Watt x 2
Similar to 30801, but with 2 independent bulbs, to illuminate at the same time 2 instruments or to quickly change if one bulb burns out.



GIMA code	CONNECTORS FOR GIMA LIGHT SOURCE TO DIFFERENT CABLES	TECHNICAL SPECIFICATIONS
30810	STORZ cable connector	Input for GIMA, SCHOLLY and LUT cables Dimension: 21x20x h 11 cm / 29 x 20.7 x h 13.5 cm Max power absorption: 170 Watt / 340 Watt Two protection fuses: 1.6 A.T. Power supply: 230V-50 Hz Norms: IEC 601-1 - 93/42/EEC (Class: I - Type: BF) Made in Italy: GIMA S.p.a.
30811	WOLF cable connector	
30812	OLYMPUS cable connector	
30815	PENTAX cable connector	
30808	Spare lamp for GIMA light source	

F. O. HEAD LIGHTS



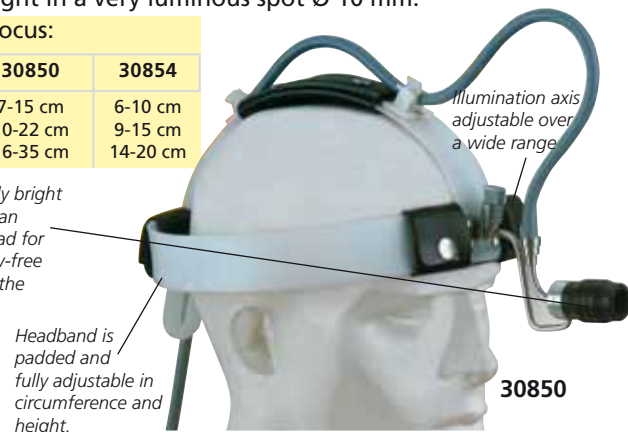
• 30850 WIDA FIBRE OPTIC HEAD LIGHT
• 30854 WIDA PLUS FIBRE OPTIC HEAD LIGHT
fibre optic cable complete with head light system
WIDA illumination systems are available in two versions: one with simple headband and standard illumination head, the other with professional headband, easily adjustable, and thin head. Both include F.O. cable with adaptor for connection to GIMA light sources (30801-30802).

Here below are available connectors to other light sources. Light beam can be focused through a focusing ring.
• 30851 FOCUS DEVICE (for 30850) useful for ENT applications. It reduces light in a very luminous spot Ø 10 mm.

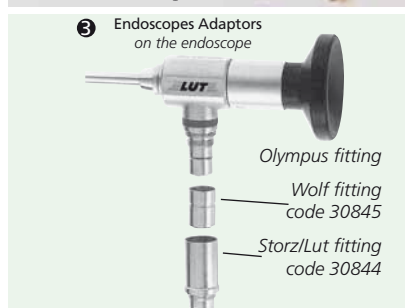
Diameter focus:

DISTANCE	30850	30854
20 cm	7-15 cm	6-10 cm
30 cm	10-22 cm	9-15 cm
50 cm	16-35 cm	14-20 cm

An exceptionally bright headlight with an illumination head for coaxial, shadow-free illumination of the viewing area.



SURGICAL FIBRE OPTIC LIGHT CABLES AND ADAPTORS



1 LIGHT SOURCE ADAPTORS to connect GIMA F.O. cables to light sources

- 30830 GIMA light source adaptor
- 30831 STORZ - AESCULAP-MARTIN light source adaptor
- 30832 WOLF - HENKE SASS - DYONICS - MEDICON - COMEG light source adaptor
- 30833 OLYMPUS light source ad.
- 30834 ACMI light source adaptor
- 30837 PENTAX light source ad.

2 ENDOSCOPE ADAPTORS - on the cables to connect endoscopes to GIMA F.O. cables

- 30840 ENDO STORZ adaptor
- 30841 ENDO WOLF adaptor
- 30842 ENDO ACM, OLYMPUS-STRYKER adaptor

- 30818 FIBRE OPTIC CABLE 4.8 x 1,800 mm
- 30822 FIBRE OPTIC CABLE 3.5 x 2,300 mm
- 30823 FIBRE OPTIC CABLE 4.8 x 2,300 mm
- 30826 FIBRE OPTIC CABLE 4.8 x 3,000 mm

High transmission surgical light cables, armoured but highly flexible with unique features:

- no burn outs
- strain relieved by kevlar and protected by silicone hose
- steam autoclavable with warranty (12 months)
- light source end temperature resistant up to 300°C
- kink resistant
- no electrical interferences with endoscopic surgery units
- quality according MedGV and CE (min. 5000 V overvoltage protection)
- serial number reference marked on each cable
- stainless steel adaptors enables our cables to be used with other manufacturers light sources/instruments

3 29975 FIBRE OPTIC CLAMP

- ENDOSCOPE ADAPTORS - on the endoscope to connect endoscopes to GIMA F.O. cables
- 30844 STORZ/LUT ENDOSCOPE ADAPTORS
- 30845 WOLF ENDOSCOPE ADAPTORS



GIMA AC/DC TRANSFORMER

• 31130 GIMA 6 AC/DC TRANSFORMER

This is a real transformer to feed Clar and Storz mirrors, Nystagmus glasses and any instrument which requires from 1.2V to 10V dc 500 mA power. Made in Italy.



CE
93/42

31130

TECHNICAL SPECIFICATIONS

Absorption: 6.6 Watt. Power supply: 230 V - 50 Hz
 Size: 163 x 105 x 60 mm Norms: 93/42/EEC
 User manual: English, Spanish, French, Italian, Greek, Portuguese.

GIMA ENT HEAD MIRRORS

These new generation quality head mirrors Ø 55 or 100 mm illuminate perfectly the examination area in every situation. Long life 6V lamp provides bright and natural light, quality silver coated mirror allows optimum light reflection. Mirror and light beam can be easily and precisely adjusted. Ergonomic and comfortable head band can fit any head size. Available also in a sturdy plastic case with all accessories.



STANDARD ACCESSORIES

LUX MIRRORS	LUX KITS
31110-31111	31112-31113

- | | | |
|--|---|---|
| Mirror with head band | • | • |
| Long life bulb | • | • |
| Extension cable 2 m (to transformer) | • | • |
| Extension cable with on/off switch 30 cm | • | • |
| Extension cable 80 cm | • | • |
| Battery case | • | • |
| Plug in transformer 100/240V with cable | • | • |
| Sturdy plastic case | • | • |

GIMA code	LUX ENT MIRRORS
31110	LUX-55 / STORZ type head mirror - Ø 55 mm - 6V
31111	LUX-100 / CLAR type head mirror - Ø 100 mm - 6V
31112	LUX-55 Kit - Ø 55 mm - 6V
31113	LUX-100 Kit - Ø 100 mm - 6V
31114	Mirror for LUX-55 - spare
31115	Mirror for LUX-100 - spare
31116	Bulb for LUX mirrors - spare
31117	Battery case - spare



Lux 100 kit includes mirror with head band, bulb, extension cable 30 cm with on/off switch, extension cable 80 cm, battery case, plug in transformer

VISION XENON BATTERY HEADLIGHT

• 30855 VISION XENON LIGHT with soft headband

• 30856 VISION PLUS XENON LIGHT with rigid headband

Cordless lightweight headlight with xenon incandescent lamp suitable for mobile purpose and ENT examinations, available in two versions: with rigid head band for professional use and with soft headband for a more versatile use.

This headlight provides an incomparable mobility, an intensive and white light as well as a simple and comfortable handling. A special mirror focuses the beam to a concentrate spot.

• 30857 SPARE BULB for VISION

• 32201 "AA" ALKALINE BATTERIES - blister of 4 pcs



TECHNICAL SPECIFICATIONS

Weight: 160 g (incl. Batteries)
 Power supply: 2x alkaline batteries size AA (included)
 Bulb: 6,000 candle power xenon lamp (7 lumens)
 Color temperature: approximately 3,200° K
 Headband: - elasticated softband for code 30855
 - rigid adjustable band for code 30856
 Light outlet: height and inclination angle adjustable

At working distance:	20 cm	30 cm
Spot-Ø	50 mm	65 mm
Intensity:	3200 lux	1500 lux

GIMA LED HEAD LIGHT



25,000 LUX at 250 mm

6,000° KELVIN

- 30890 GIMA LED HEAD LIGHT - 3W
- 30891 BATTERY PACK - for code 30890

Led lamp without the heat of traditional halogen headlight. With a color temperature of 6,000 Kelvin, this light supplies bright, white, shadow-free light allowing the doctor to see tissue characteristic without distortion. Flexibility of operating using the rechargeable lithium battery, instead of direct power source. It is one of the most comfortable lightweight headlamps available in the market and suitable for all kinds of surgery, ENT or dental applications. The headlight could be used when it is charging, it also has low-battery indicator light. Adapts to GIMA binocular loupes (codes 30892-98). Smart design, convenient for mobile diagnosis. Supplied in aluminium box with rechargeable 7.2V lithium battery and recharger. User manual in 8 languages.

TECHNICAL SPECIFICATIONS

Illumination light spot at 420 mm: 20-100mm
 Illumination in 250 mm working distance: ≥ 25,000 lux
 Adjustable range
 Fluctuation distance: 12.5mm
 Angle range: vertical ± 25°
 Weight of headlight (excluding head band): 70 g
 Illumination source: extremely bright light, 3W LED, life 20,000 hours
 Battery: 7.2V lithium battery
 Battery run-time: not less than 2.5 hours continuous run-time on a fully charged battery
 Voltage: 90-240VAC, 50-60 Hz
 Maximum input power: 15 W
 Power adapter output: DC 10±0.5V, 1.5 A
 Electrical safety standard: GB9706.1, class II type BF equipment



User manual in English, French, German, Italian, Spanish, Portuguese, Greek, Arab

GIMA BINOCULAR LOUPES

BINOCULAR LOUPES:

Light weight, ergonomically superior Galilean-style flip-up loupes. Can be used independently or mounted on 30890. Multi-coated and high grade glass lenses provide clean and sharp image. Eyepiece with wide field of view. Deep focus to see object stereoscopically. Loupes angles can be easily adjusted between 0° and 40° to minimize fatigue even after prolonged use. 6 mm up and down displacement. Adjustable pupil distance to fit different types of face.

STYLE BINOCULAR LOUPES:

Line of binocular loupes with same features of traditional line but mounted on an extra light, fashionable frame.



GIMA code	BINOCULAR LOUPES	Magnification	Working distance	Field of view Ø
30892	Binocular Loupe	2.5x	340 mm	80 mm
30894	Binocular Loupe	2.5x	420 mm	100 mm
30897	Binocular Loupe	3.5x	340 mm	65 mm
30898	Binocular Loupe	3.5x	420 mm	80 mm

GIMA code	STYLE BINOCULAR LOUPES	Magnification	Working distance	Field of view Ø
30910	Style binocular Loupe	2.5x	340 mm	80 mm
30911	Style binocular Loupe	2.5x	420 mm	100 mm
30914	Style binocular Loupe	3.5x	340 mm	65 mm
30915	Style binocular Loupe	3.5x	420 mm	80 mm

ZIEGLER MIRROR AND HEAD LOUPE



- 31142 ZIEGLER MIRROR - Ø 90 mm

Concave back-silvered mirror, 90 mm diameter with 13 mm diameter hole, on adjustable band. Special mount permits replacement of glass mirror in event of breakage. Made in Germany.

- 31170 HEAD LOUPE two magnifying systems (2.2X and 3.3X).

The system is mounted on an adjustable webbing head band and provided with two separate lenses. The first lens provides a 2.2 X magnification, moving down the second lens, we reach a total 3.3 X magnification. The superior quality of this lens permits high precision examinations. The HEAD LOUPE magnifying system can be used in combination with any kind of glasses. Made in Japan.

HEINE LED HEAD LIGHT

POWERFUL LED ILLUMINATION

50,000 LUX at 250 mm



30885

- **30885 HEINE 3S LED HEAD LIGHT - J.008.31.313**
Ultra bright and compact HEINE 3S LED HeadLight for powerful, coaxing illumination.
- **50,000 Lux of bright, white light:**
With a reference colour temperature of 5,600 Kelvin and an extraordinary 50,000 Lux of illumination, the 3S LED HeadLight is more than twice as bright as conventional Headlights
- **Compact and Light-Weight:**
The compact design ensures clear, unobstructed coaxial illumination. The 3S LED HeadLight weighs only 70 grams ensuring user comfort even during prolonged use.
- **Flexibility:**
Continuously adjustable spot size and brightness control. Mains or 10 hours operating time with mPack® power supply. Rechargeable battery pack and direct mains transformer included.

- **30886 HEINE BINOCULAR LOUPE 2.5X-340mm - J.000.31.370**
- **30887 HEINE BINOCULAR LOUPE 2.5X-420mm - J.000.31.371**

TECHNICAL SPECIFICATIONS

Power supply:	mPack® Rechargeable Battery Pack with NiMH battery and direct mains transformer
Illumination:	50,000 lux at a working distance of 250 mm
LED operating life:	20,000 hours
Spot adjustment:	20 mm to 130 mm illuminated field diameter (at 500 mm)
Colour temperature:	5,600°K Made in Germany

HEINE BINOCULAR LOUPES



30930
30931

Eyepieces individually adjustable

Only 42 g

Super-Wide, Super-deep field of view. **2.5X loupes** offer an excellent balance between high magnification, field of view, depth of field, and ease of use, ideal for a wide range of applications such as dental, ophthalmic, cosmetic and reconstructive surgery.



Only 78 g

30932

4.0X magnification: 4.0X loupes provide magnification for most advanced micro-surgical and dental applications yet still offer a large 50mm field of view. The 340mm working distance is ideal for applications where the user is in a sitting position.

HEINE binocular loupes set standards for innovative optics combined with high-tech materials and production techniques. A wide of applications in many disciplines: general medicine, dermatology, minor and some major surgery, plastic surgery, neuro-surgery, ENT, ophthalmology, veterinary medicine, dentistry etc. The use of magnifying loupes will increase your visual acuity and reduce eye strain. Careful selection of working distance and correct viewing angle will avoid back and neck strain by allowing a comfortable working position.

Set content: optics, S-frame with i-View loupe mount, detachable protective lenses, 2 sterilisable swivel levers, retaining cord, cleaning fluid, carrying case.



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

IUKO VISION MODULAR SYSTEM

VISION MODULAR SYSTEM

A unique modular system for all your needs. You can combine elements to protect, magnify, light up, ... Any component can be used independently or combined with one or more.

PROTECTIVE SHIELD

TETI - 30860



- provide protection from squirts and spray
- extremely light 130 g and comfortable
- folding shield behind the nape
- can fits over your glasses

MAGNIFYING GLASSES

DANAE - 30861



- optical system with magnifying glasses
- can fit over your glasses
- light, only 83 g
- adjustable to any face shape
- compatible with TETI

ADJUSTABLE PROJECTOR

IRIDE 30867



GALILEIAN TELESCOPES

CALLIOPE
30864/5/6



- magnifying optical system with Galileian telescopes
- waterproof telescope
- compatible with TETI

- adjustable LED light projector
- 2 different brightness intensity (30,000 and 50,000 lux at 25 cm, autonomy 6 and 4 hours)
- 6,500°K temperature
- autonomy 4 hours at maximum power
- battery pack placeable on the head band
- compatible with TETI

TELESCOPE + PROJECTOR + SHIELD

You can create below system adding protective shield (TETI) to telescope+projector (NIKE)

Adjustable 0-4.5 cm



30870/1 + 30860



30870/71

TELESCOPE + PROJECTOR NIKE 30870/1

This system includes Galileian telescope (CALLIOPE) and LED light projector (IRIDE)

GIMA code	VISION MODULAR SYSTEM
30860	TETI - protective shield
30861	DANAE - magnifying glasses with 3 lens (1.7, 2.2, 3 x)
30864	CALLIOPE - Galileian telescope 3x - dental (working distant 35 cm)
30865	CALLIOPE - Galileian telescope 3x - surgical (working distant 45 cm)
30866	CALLIOPE - Personalized Galileian telescope: magnification from 2x to 3x, working distance from 28 to 60 cm - specify with order
30867	IRIDE - LED light projector
30870	NIKE - Galileian telescope 3x (35cm) + projector
30871	NIKE - Galileian telescope 3x (45cm) + projector
30875	Set of 5 transparent face shields - spare
30876	Battery pack - spare