GIMA

PROFESSIONAL MEDICAL PRODUCTS

LAMPADA FRONTALE MEDICA A LED GIMA 80 KL 5W
LAMPADA CHIRURGICA A LED GIMA 50 KL 5W
GIMA 80 KL LED MEDICAL HEADLIGHT 5W
GIMA 50 KL SURGICAL LED HEADLIGHT 5W
LAMPE FRONTALE MÉDICALE À LED 80 KL GIMA 5W
LAMPE FRONTALE CHIRUGICALE À LED 50 KL GIMA 5W
LÁMPARA FRONTAL MÉDICA DE LED GIMA 80 KL 5W
LÁMPARA FRONTAL QUIRÚRGICA DE LED GIMA 50 KL 5W
FOTÓFORO LED GIMA 80 KL5W
FOTÓFORO LED CIRÚRGICO GIMA 50 KL 5W
GIMA 80 KL MEDIZINISCHE LED-STIRNLEUCHTE 5W
GIMA 50 KL CHIRURGISCHE LED-STIRNLEUCHTE 5W
MEDYCZNA LAMPA CZOŁOWA LED 80 KL GIMA 5W
CHIRURGICZNA LAMPA CZOŁOWA LED GIMA 50 KL 5W
GIMA 80 KL ΙΑΤΡΙΚΟΣ ΦΩΤΙΣΜΟΣ ΚΕΦΑΛΗΣ LED 5W
GIMA 50 KL ΧΕΙΡΟΥΡΓΙΚΟΣ ΦΩΤΙΣΜΟΣ ΚΕΦΑΛΗΣ LED 5W
LAMPĂ MEDICALĂ FRONTALĂ CU LED GIMA 80 KL 5W
LAMPĂ CHIRURGICALĂ FRONTALĂ CU LED GIMA 50 KL 5W
GIMA 80 KL LED MEDICINSK HUVUDLAMPA 5W
GIMA 50 KL KIRURGISK HUVUDLAMPA 5W
GIMA 80 KL LED LEKÁRSKE ČELOVÉ SVIETIDLO 5W
GIMA 50 KL CHIRURGICKÉ LED ČELOVÉ SVIETIDLO 5W
GIMA 80 KL LED MEDICINSKA SVJETILJKA ZA GLAVU 5W
GIMA 50 KL KIRURŠKA LED SVJETILJKA ZA GLAVU 5W
GIMA 80 KL ORVOSI LED-FEJLÁMPA 5W
50 KL LED SEBÉSZI FEJLÁMPA 5W
GIMA 80 KL LED-PANDELAMPE TIL MEDICINSK BRUG 5W
GIMA 50 KL KIRURGISK LED-PANDELAMPE 5W

	REF
GIMA 30873	**KS-H1N**
GIMA 30936	**KS-W02**

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All serious accidents concerning the medical device supplied by us must be reported to the manufacturer and competent authority of the member state where your registered office is located.

1. Introduction

Name: LED Medical Headlamp, Model: KS Series

The light provides the user with a very uniform beam that exhibits no color shifts throughout the entire depth range of the magnifying lenses. The lamp, integrated into the battery unit, features continuous light intensity regulation. This allows the user to precisely control the brightness of the headlamp, ensuring maximum visibility of details.

Complies with the regulatory requirements of MDR 2017/745, IEC 60601-1:2005, IEC 60601-1-2:2014, IEC 60601-1-6:2010, and IEC 60601-2-41

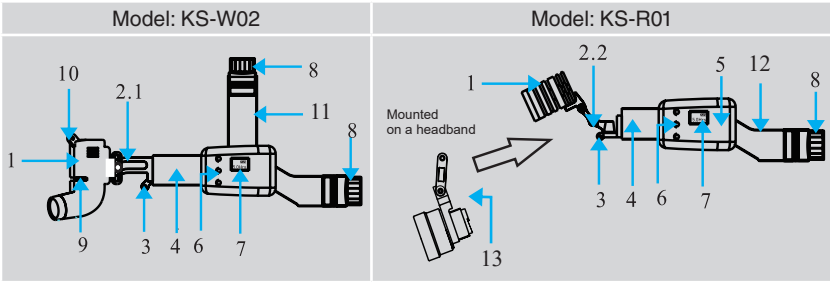
2. Introduction to primary use

Designed for local examinations requiring high levels of illumination, high levels of human-machine interaction, and frequent movement. It is primarily used in dentistry, operating rooms, medical examinations, and in the field for medical treatment.

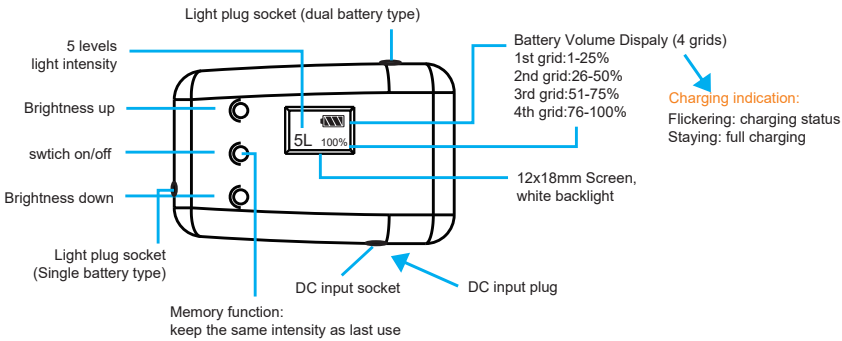
3. Technical and model data

Model	KS-W02(5W)	KS-H1N (5W)
Lamp head		
Operating principle	L-shaped optical path Multiple optical lenses Internal illuminated reticle	Simple linear optical path Single optical lens High grade aluminum
Light intensity	10,000~50,000lux	20,000~100,000lux
LED lifespan	50,000 hrs	50,000 hrs
Light field diameter	Variable from D=50 mm to D=100 mm	D=135 mm@50 cm
Battery charging time	1.8 hours-2 hours	1.8 hours-2 hours
Continuous operation time	2,5 hours-20 hours	2.5 hours-20 hours
Standard configuration	Full headband with one battery	Half headband with one battery

4. Struttura della lampada frontale per la testa



1. Lamp head - 2.1 Hinge for vertical and horizontal movement - 2.2 Focused light with swivel mount - 3. Magnifying glass mounting joint - 4. Removable antiperspirant leather cover - 5. Lithium battery compartment - 6. Control buttons - 7. LED screen - 8. Headband adjustment knob - 9. Beam size adjustment - 10. Camera mounting joint - 11. Full hoop - 12. Half hoop - 13. Loupes with conjunctive hinge



For safty use,it is not allow to charge the battery, when the battery is working for the light.
If this socket is plug, the battery will not work for the light but only be charged

5. Operating Conditions

Ambient temperature: 5°C ~ +40°C

Relative humidity: <85%

Atmospheric pressure: 700hPa ~ 1060hPa

6. Notes

6.1 This product has no user-serviceable components. Please do not disassemble it if it malfunctions.

6.2 The fastenings of each connecting part of the product should be checked frequently to prevent loosening.

6.3 Do not use the product in places with high temperatures, high humidity, or where flammable substances are present.
6.4 If it becomes dirty, dry it or use a soft cloth with a little neutral detergent, then wipe it with a dry cloth.
6.5 During use and maintenance, please do not touch the lens directly with your fingers and always keep it clean.
6.6 Please dispose of used batteries according to local regulations; do not throw them away.
6.7 Replacing the batteries

Batteries should be stored at room temperature with a chage level of approximately 30% to 50% of their capacity.

It is recommended to recharge the batteries approximately once every six months to prevent them from over-discharging.

7. Warranty and after-sales service

7.1 12-month warranty from unloading in port

- During the warranty period, under normal use, if any quality-related problems arise, the consumer is entitled to free service upon presentation of the warranty certificate and invoice.
- If the product has been installed without our factory authorization, the defect is not covered by the warranty.
- Products with markings such as a change in the model number or production date, deletions, or displacements, or which are otherwise unidentifiable, will not be eligible for free maintenance.
- Defects caused by dropping, crushing, immersion in water, humidity, or other human factors are not covered by the warranty.

7.2 After-sales service

Customers are required to provide product codes and an image or video to help us verify the problem. Once the problem is identified, if the solution is simple, we will send the customer the replacement part needed to resolve the issue. If the problem is beyond repair, we will evaluate the possibility of returning the product or sending it back.

8. Troubleshooting

Problem	Analyses	Resolution
The switch is on, but the light doesn't come on	Poor connection	Collegare alla batteria
		Cavo con la lampada frontale
	The battery is defective	Check LED screen on battery
	Defective printed circuit board	Contact manufacturer
The brightness cannot be adjusted	Defective printed circuit board	Contact manufacturer

9. Symbols

CE	Medical Device compliant with Regulation (EU) 2017/745	REF	Product code
	Caution: read instructions (warnings) carefully	LOT	Lot number
	Follow instructions for use		Manufacturer
	Keep in a cool, dry place		Keep away from sunlight
	WEEE disposal		Low density polyethylene
	Date of manufacture	MD	Medical Device
	Imported by	EU REP	Authorized representative in the European Union
UDI	Unique device identifier		Fragile, handle with care
	Battery capacity		Warning
	Recycling	SN	Serial number
	Light on/off		This side up



Disposal: *The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment.*

GIMA WARRANTY TERMS
The Gima 12-month standard B2B warranty applies.