



# Dr:KIM

Medical optics

## Your professional advantage

Ruben Khachataryan  
maxillofacial surgeon,  
implantologist, Ph.D.

# Dr.Kim is the only manufacturer of shadowless headlights which have no analogs in the world!

As a physician, I dedicated over 12 years to patients' care. However my second major is engineering. My profound knowledge in the mechanical engineering and medical experience led me to create a solution that is recognized today and has become a helpful tool for tens of thousands of doctors around the world. Considering comfort and functionality as the priority, I took it as a basis. That's how the first shadowless and wireless headlamp with a wide rage of options came into being. This headlamp has no analogs. I sincerely hope that our product will provide you with excellent support in your practice.

*Your colleague, Gichun Kim  
CEO Dr-Kim Co.*



217 000+

doctors worldwide  
use Dr.Kim

16 years

of effective work

96%

of customers recommend the  
product to their colleagues

19

patents for inventions  
and technologies

[ versatility in application ]

APPLICATION

## A bright choice of professionals

Thanks to excellent technical characteristics and original design, our headlamps are used in various fields of medicine and beyond.

Cosmetology



Surgery



Dentistry



ENT practice



Implantology



Gynecology



Proctology



Plastic surgery



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# 01

## Shadowless headlights

- Headlight DKH-30 (side headband)
- Headlight DKH-40 (helmet)
- Headlight DKH-50 (C-ERGO mount)
- Headlight with touchless sensor  
DKH-50 S (C-ERGO mount)
- Headlight DKH-60 ProErgo Dual X  
(C-ERGO mount)
  - + multifocus loupes:
    - Loupes DKL-7
    - 48° binocular loupes DKT-3A
    - 48° binocular loupes DKT-4A

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# 02

## Replaceable individual optics

- Loupes DKL-5
- Binocular loupes DKT-3
- Binocular loupes DKT-4

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# 03

## 4K camera with autofocus “through the Surgeon's eyes”

- Video camera DK-CAM5

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# 04

## Accessories for Dr.Kim headlights

- Chargers, replacement caps, etc.

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# 05

## Dental mirrors for working under magnification

- UltraClear mirrors
- UltraBright micromirrors

# Shadowless headlights



Free test  
drive trials



Powerful, lightweight,  
shadowless and wireless

DKH-60

DKH-50/50S

DKH-40

DKH-30

# 01



## DKH-60

Available in colors:



→ INTERVERTEBRAL DISCS AND CERVICAL SPINE DISEASES PREVENTION

NEW

DKH-60 ProErgo Dual X is the world's first dual-magnification model.

Complemented with binocular loupes with 48° tilt (DKT-3A/4A).



Light brightness  
up to 100,000 Lux



LED source  
Light white / warm



Mounting – C-ERGO  
2-point fixation  
(forehead/occiput)



Continuous operation  
time up to 12 hours



Smooth brightness  
adjustment



Weight –  
155 grams



4K camera\*  
\*must be purchased additionally



Full battery charging  
time 120 minutes



Anatomically  
shaped back bar



You can look at your field with 2.5X & 1.5X or 4X & 1.5X simultaneously

Compatible with loupes:



Compatible with camera:



## DKH-50 S

Available in colors:



→ MINIMUM MOVEMENTS –  
MAXIMUM EFFICIENCY!

NEW

DKH-50 S is a **non-contact** version of the innovative DKH-50 headlight,

equipped with a motion sensor



Light brightness  
up to 100,000 Lux



LED source  
Light white / warm



Mounting – C-ERGO  
2-point fixation  
(forehead/occiput)



Continuous operation  
time up to 12 hours



Smooth brightness  
adjustment



Weight –  
104 grams



4K camera\*  
\*must be purchased additionally



Full battery charging  
time 90 minutes



Anatomically  
shaped back bar



Contactless  
on/off



Sensor  
at the back panel

Compatible with loupes:



Compatible with camera:



## DKH-50

Available in colors:



→ NEW DESIGN!

HIT

DKH-50 – **the most popular version** of the headlight with an innovative 2-point mount. Maximum possibilities. No analogs worldwide.



Light brightness  
up to 100,000 Lux



LED source  
Light white / warm



Mounting – C-ERGO  
2-point fixation  
(forehead/occiput)



Continuous operation  
time up to 12 hours



Smooth brightness  
adjustment



Weight –  
104 grams



4K camera\*  
\*must be purchased additionally



Full battery charging  
time 120 minutes



Anatomically  
shaped back bar

Compatible with loupes:



Compatible with camera:



## DKH-40



DKH-40 – classic version of the headlight. 3-stage light adjustment.  
Reliable helmet – secure fit.



Light brightness  
50,000 Lux



LED source  
Light white / warm



Mounting –  
helmet



Continuous operation  
time up to 5 hours



Three-stage  
brightness adjustment



Weight –  
104 grams

Compatible with loupes:



Compatible with camera:



## DKH-30



DKH-30 – diagnostic version of the headlight.  
Simple, affordable, functional!



Light brightness  
30,000 Lux



LED source  
Light white / warm



Mounting –  
Headband



Continuous operation  
time up to 5 hours



Fixed  
brightness



Weight –  
96 grams

Compatible with loupes:



Compatible with camera:



# Powerful, lightweight, shadowless and wireless



Unique properties of Dr.Kim headlights



## Wireless

The convenient 2-point mounting on the forehead/occiput, which has no analogs in the world, adds lightness.



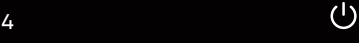
## Continuous operation

Two replaceable ECO batteries provide up to 12 hours of continuous operation.



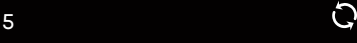
## Lightweight and durable

The lightest headlamp on the market. The design is made of high-strength ABS plastic.



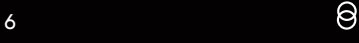
## Automatic on/off

To turn it on, simply flip the light sources down. To turn it off – flip it up in one motion.



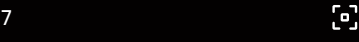
## Replaceable individual optics

Optics are easy and quick to change. Simply lift the lights up to reveal your face.



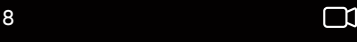
## Shadowless effect

You get a clean, illuminated working field – two LED light sources, directed at an angle, diffuse the shadow of the instrument.



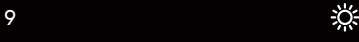
## Multifocus loupes

You can select a convenient working distance with a simple movement. From 20 to 100 cm.



## 4K camera with autofocus

Online broadcast and recording "through the surgeon's eyes". Wireless image transmission technology.



## Power up to 100,000 Lux

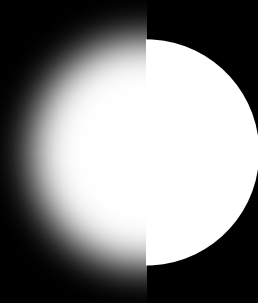
Smooth adjustment up to 100,000 Lux and diffuse light contour make work easier and reduce eye strain.

Cold or warm filter



Temperature

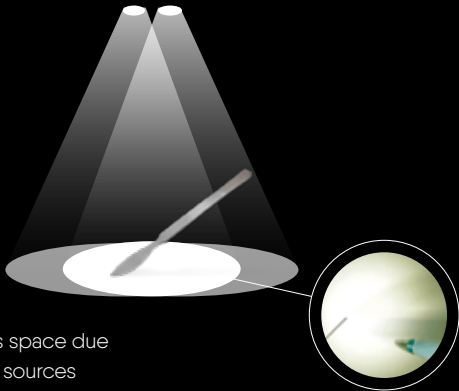
Focus changes due to interchangeable caps



Focusing light

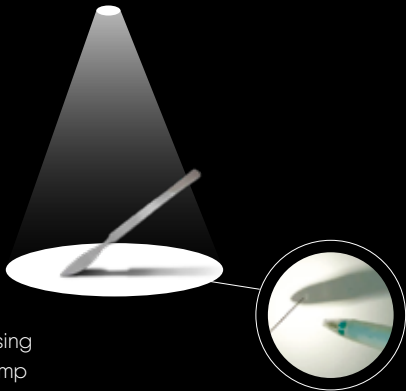
Shadowless effect

Headlight Dr.Kim



Shadowless space due to two light sources

Regular headlight



Shadow when using a regular headlamp

Headlight kit includes:



Headlight  
you chosen



Two rechargeable  
batteries

2x



Two protection  
elements

2x



Four color  
filters

4x



A charger



Manuals



Carton case  
(for storage)



1 year  
warranty!

[ DKH-60 ProErgo Dual X ]

DKH-60 ProErgo Dual X – the world's first  
model with double magnification

NEW



Intervertebral discs and cervical spine  
diseases prevention



Free test  
drive trials



Supplemented with binocular loupes with a tilt of 48° (DKT-3A/4A), which allows you to simultaneously look at the working field with different magnifications

DKL-7



High detailed loupes for DKH-60

Magnification:	Working distance:	Working field size:
1.5x	5-100 cm	up to 45 cm
Weight:		
8 g		

DKT-3A



48° binocular loupes for headlamp DKH-60

Magnification:	Working distance:	Working field size:
2.5x	20-100 cm (multifocus)	up to 15 cm
Weight:		
28 g		

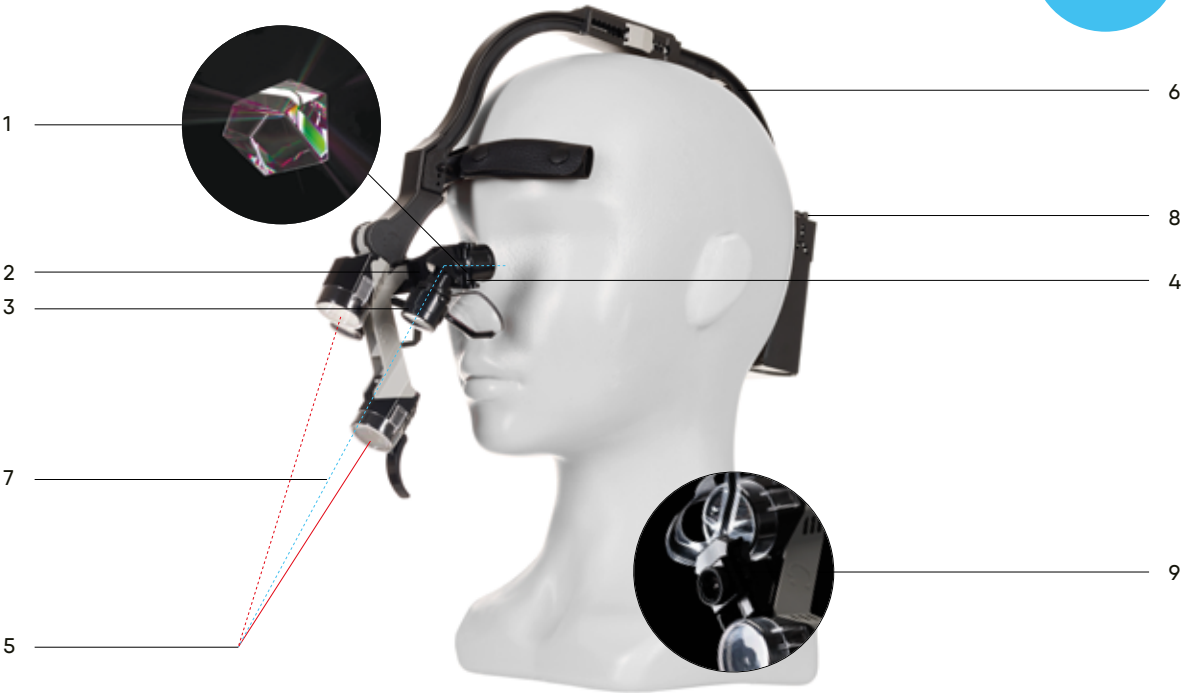
DKT-4A



48° binocular loupes for headlamp DKH-60

Magnification:	Working distance:	Working field size:
4.0x	20-100 cm (multifocus)	up to 15 cm
Weight:		
48 g		

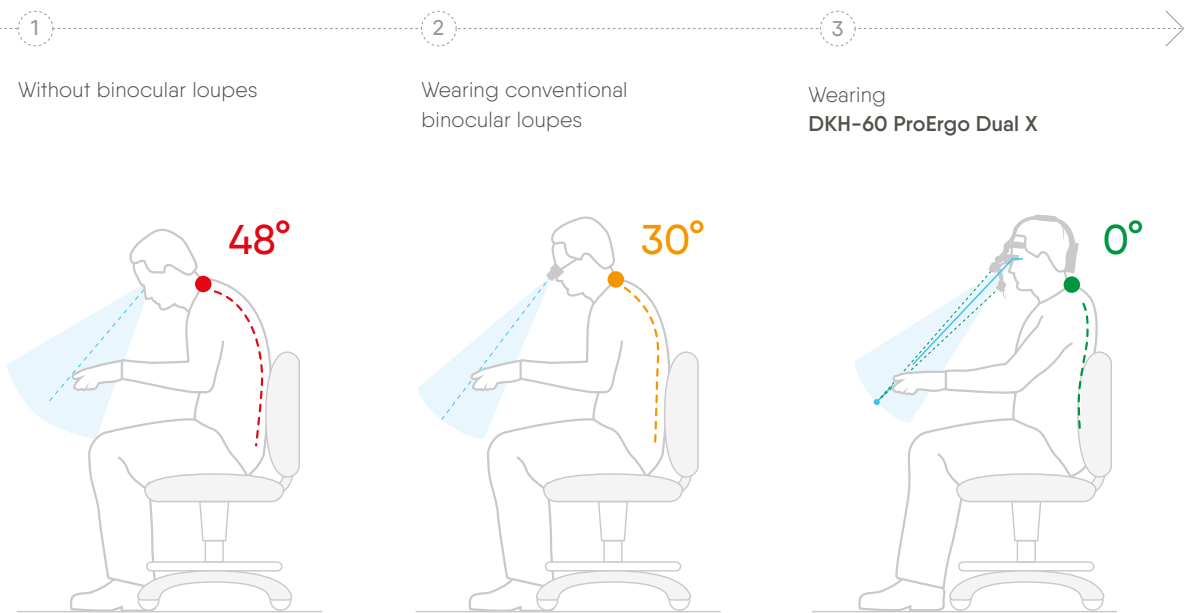
# DKH-60 ProErgo Dual X – innovative version of shadowless headlamp



1		2		3	
<b>Prismatic lens system</b> Due to the refraction of light, the focus of your vision appears higher than it actually is. This allows you to maintain correct posture and work without putting extra strain on your back.		<b>Multifocus loupes</b> You can easily set a comfortable working distance from 20 to 100 cm with one hand movement. Multifocus ensures a clear perception of objects at various distances.		<b>Dual X – double zoom</b> Dual X – to improve visual acuity, reduce eye strain and improve the quality of treatment! <b>Magnification 2.5x or 4x – for precision work</b> <b>Magnification 1.5x – for all types of work</b>	
4		5		6	
<b>Replaceable individual optics</b> Optics are easy and quick to change. Simply lift the lights up to reveal your face.		<b>Large working field and high depth of field</b> The prism technology allows for a larger field of view compared to conventional magnification loupe. No eye strain even after prolonged use.		<b>Lightweight and durable</b> The headlamp's weight is only 155 g. So light you won't remember about it while working. Moreover, low weight reduces the strain on the back.	
7		8		9	
<b>Parallel viewing</b> Thanks to the prismatic lens system, you can look straight ahead, just like using a microscope.		<b>Smooth brightness adjustment</b> Up to 100,000 lux. Provides uniform, bright illumination needed for precise treatment.		<b>4K camera with autofocus</b> Online broadcast and recording "through the surgeon's eyes". Wireless image transmission technology.	



# The evolution of ergonomics



## Take care of your health!

Ergonomic binocular loupes with a tilt angle of 48° together with the **DKH-60 ProErgo Dual X** headlight allow you to intuitively assume and maintain the healthy and comfortable body posture while working. Correct posture will keep your back and neck healthy, preventing diseases of the intervertebral discs and cervical spine.

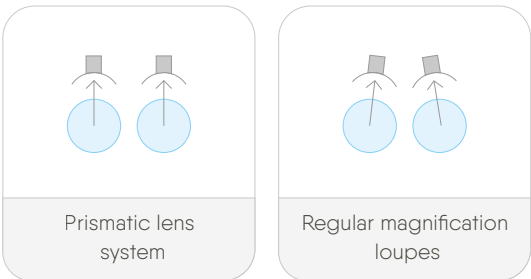
**DKH-60 ProErgo Dual X – for perfect posture and comfort while working**



## Prismatic lens system

Thanks to the prismatic lens system, you can look straight ahead, just like using a microscope. The most unique difference from classic loupes is the completely **upright healthy posture**, which prevents neck strain.

*Eye fatigue is minimized due to parallel viewing rather than convergent one when using conventional loupes*



# Replaceable individual optics



DKL-5

DKT-3

DKT-4

# 02

Professional loupes for precision work. Mounted in one movement on the Dr.Kim headlamp, which will improve the quality of your work

DKL-5



High detailed loupes

Magnification:	Working distance:	Working field size:
1.5x	5-100 cm	up to 45 cm
Bec:		
13 g		

Compatible with headlights:

- ☒ DKL-60
- ☒ DKL-50
- ☒ DKL-50 S
- ☒ DKL-40
- ☒ DKL-30

DKT-3



Professional binocular loupes DKT-3 for precision work – excellent magnification

Magnification:	Working distance:	Working field size:
3-3,5x	20-100 cm	up to 15 cm
(multifocus)		
Bec:		
25 g		

Compatible with headlights:

- ☒ DKL-60
- ☒ DKL-50
- ☒ DKL-50 S
- ☒ DKL-40
- ☒ DKL-30

DKT-4



Advanced binocular loupes DKT-4 provide high visibility when performing difficult tasks

Magnification:	Working distance:	Working field size:
4-5,5x	20-100 cm	up to 15 cm
(multifocus)		
Bec:		
39 h		

Compatible with headlights:

- ☒ DKL-60
- ☒ DKL-50
- ☒ DKL-50 S
- ☒ DKL-40
- ☒ DKL-30

# 4K camera "through surgeon's eyes"

DK-CAM5



Camera  
Review



Example  
of shooting



# 03

# Wireless camera "through surgeon's eyes"

An ideal solution for conducting training seminars and master classes, recording operations.

Compatible with headlights:

- ✓ DKH-60
- ✓ DKH-50
- ✓ DKH-50 S
- ✗ DKH-40
- ✗ DKH-30



4K  
ULTRA HD

**4K image**  
The clearest image transmission without loss of quality. Bright and detailed picture.

AF

**Autofocus**  
Super-fast autofocus, works from 15 to 60 cm. Everything that gets into the frame will be sharp and clearly visible.

Battery icon

**Wireless technology**  
Broadcast online using a wireless monitor transmitter (HDMI). Powered by battery (10000 mAh). Continuous operation time – up to 6 hours.

Foot Remote Control icon

**Foot Remote Control**  
Foot control with 4 functions:

- M: change video output monitor (viewfinder/remote monitor);
- 4K: change resolution (4K/FHD);
- REC: start and end recording;
- SS: Steel Shot.

Online broadcast and recording icon

**Online broadcast and recording**  
Provides a first person view, a unique perspective for Live Surgery.

Flip viewfinder (FHD) icon

**Flip viewfinder (FHD)**  
For the convenience of focusing on the subject and framing the picture.

Image stabilization icon

**Image stabilization**  
Eliminate camera shake when you move your head with anti-shake and built-in optical stabilization.

Built-in microphone icon

**Built-in microphone**  
Provides amazing sound quality thanks to advanced diaphragm technology.

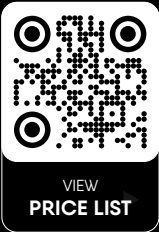
Record to SD card icon

**Record to SD card**  
(64 GB) or PC

Digital Zoom icon

**Digital Zoom – 2×**

# Accessories for Dr.Kim headlights







DKCASE-2 – Metal case Dr.Kim

For storing and carrying the headlight and accessories, for DKH-50(S) and DKH-60, weight – 1060 g.



DKCASE-1 – Hard case Dr.Kim

For storing and carrying the headlight and accessories, with textile cover, with business card pocket, for DKH-50(S) and DKH-60, weight – 689 g.



DKBT-1 – rechargeable battery

For headlights DKH-30 and DKH-40 (3.7 V, 1500 mAh)



DKBT-2 – rechargeable battery

For headlights DKH-50 (7.4 V, 1150 mAh)



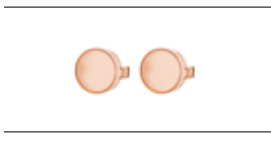
DKCG-1 – automatic charger

For DKBT-1 (Input: 110~220V Output: 4.2V, 1200mA)



DKCG-2 – automatic charger

For DKBT-2 (Input: 110~240V Output: 8.4V, 1000mA)



DKCP-OR – orange diffuse filters for DKH headlights

t=4000 K, set – 2 pcs.



DKCP-TR – transparent protective caps for DKH headlights

t=6000 K, set – 2 pcs.



DKCP-RD – dark brown filters for DKH headlights

t=3000 K, set – 2 pcs.



DKCP-WT – white diffuse filters for DKH headlights

t=6000 K, set – 2 pcs.



DKCP-TL – translucent matte diffusing filters for DKH headlights

t=6000 K, set – 2 pcs.



DKCP-TRRD – clear/dark brown filters for DKH headlights

t=6000 K/3000 K, set – 2 pcs.

# Dental mouth mirrors



ULTRACLEAR

ULTRABRIGHT MICRO



# Unique 36-layer coating for ultra-high reflectivity

UltraClear and UltraBright Micro series mirrors feature a ultra-thin nano-hardened coating that provides superior hydrophobicity, anti-fogging effect and increase the wear resistance. Doctors do not need to frequently clean or wipe the mirror while working.

The mirrors with reflectivity higher than 96% provide exceptional image clarity and 1:1 reflection in vibrant, natural colors. The special coating guarantees the dentist a better view and this ensures efficient work.



Visual comfort with no harm to your health



Scratch resistance



Perfect sharpness and contrast



Resistance to sterilization and disinfection



No color distortion



High accuracy



Anti-bacterial effect



Hydro- and oleophobicity "easy cleaning" effect



Ultra-hard nano-coating



Anti-fog coating

# Exceptional image clarity in bright, natural colors without distortion and duplication

Mouth mirrors with a reflection coefficient of **more than 96%** provide exceptional image clarity and reproduce a 1:1 mirror image in bright, natural colors without distortion and duplication.

The special coating guarantees the dentist a better view and this ensures optimal performance.




High accuracy



Perfect sharpness and contrast



Regular mouth mirror



**Distorted picture**  
Halo of additional reflection is visible so you see a fuzzy distorted picture

Dr.Kim mouth mirror



**Reflection 1:1**  
Clear reflection without doubling and gaps

**30% brighter than rhodium mouth mirrors**

# Defog in just 1 second!

**The anti-fog coating** has good abrasion resistance, long time use and disinfection process can still maintain a good anti-fog effect.

**Nanoscale hydrophobic coating** allows water droplets formed during operation to slide off quickly without blurring the view on the surface of the mirror.

This coating is made of environmentally friendly materials, which is harmless to the environment and human body.



Anti-fog coating



Hydro- and oleophobicity  
"easy cleaning" effect



Regular mouth mirror

Condensation forms during operation and the mirror has to be wiped frequently

Dr.Kim mouth mirror

**Anti-Fog is the anti-fogging effect.** It is preserved during long-term use and after sterilization

# UltraClear dental mirrors



36-LAYER NANOSCALE  
OPTICAL COATING

To achieve ultra-high reflectivity,  
more than 96%

SIZE

Mirror diameter 18, 22 or 24 mm

MATERIAL

Upgraded material, more  
resistant to sterilization

COLOR

The UltraClear line of mirrors  
is available in different colors.  
Ideal for pediatric dentistry



TWO MIRROR OPTIONS  
Single side or double side

LIGHT WEIGHT

With its lighter design (compared to stainless  
steel mirrors), you can work efficiently and  
without fatigue all day long

COMFORTABLE  
ONE-PIECE HANDLE

Provides effortless rotation at multiple angles,  
enhancing comfort while holding and  
providing greater flexibility during use

ENDO GAUGE FUNCTION

For measuring the length of endofiles,  
hand/machine instruments and pluggers

Available in 5 colors:



Quantity per package:

5 pcs.

Diameter:

18-24 mm



Mouth mirrors are used to examine the mucous membrane of the oral cavity, teeth, carious cavities, pulling and pushing back the cheeks, lips, tongue.

Advanced technology has provided an accurate overview, making the process of diagnosing and treating the oral cavity more efficient and accurate.



## Mouth mirror with endo gauge for measuring the length of endoinstruments 2-in-1

The specially designed oral examination handle allows for easy rotation at different angles.

The functional handle of the UltraClear series dental mirror is designed for measuring the length of endofiles, hand/machine instruments and pluggers.

- The handle provides the dentist with a comfortable grip and functionality for performing various tasks in everyday dental practice.

# Micromirrors on the handle

## UltraBright Micro



**36-LAYER NANOSCALE**

**OPTICAL COATING**

To achieve ultra-high reflectivity, more than 96%

**SIZE AND SHAPE**

Thin micromirror (diameter from 3 mm) provides excellent visibility in hard-to-reach places

**REMOVABLE MIRROR**

Possibility to change mirrors for different tasks (4 options)

**ERGONOMIC SHAPE**

Comfortable handle allows for easy rotation at different angles

**COLOR**

The anti-glare coating prevents glare from microscopic light refraction while illuminating every corner of the mouth. Safer and more precise operation. Indispensable when working under magnification: binoculars and microscopes

**MATERIAL**

Aluminium alloy material is resistant to high temperature and high pressure repeated sterilization



UltraBright Micro — ultra-bright micromirrors for precision work, ideal for microapical surgery.

For a wider range of microsurgical procedures such as sinus lifts and resection of small rooted teeth and small resection cavities.



ULTRABRIGHT MICRO 2 × 7 MM

UltraBright Micro mirror with removable handle, rectangular, 2 × 7 mm.



ULTRABRIGHT MICRO 3 × 9 MM

UltraBright Micro mirror with removable handle, rectangular, 3 × 9 mm.



ULTRABRIGHT MICRO 3 MM

UltraBright Micro mirror with removable handle, round, 3 mm.

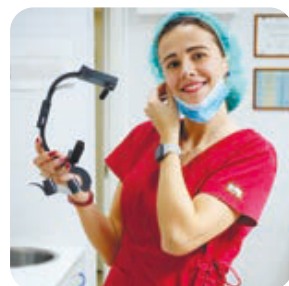
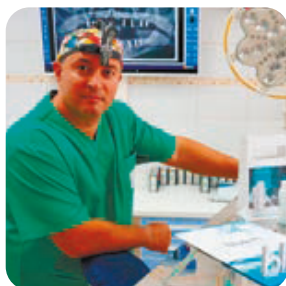


ULTRABRIGHT MICRO 5 MM

UltraBright Micro mirror with removable handle, round, 5 mm.

# 217 000+

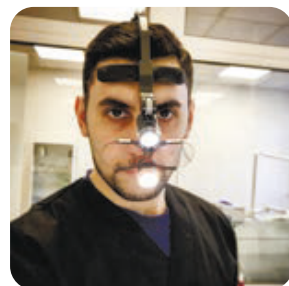
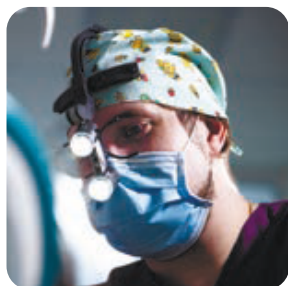
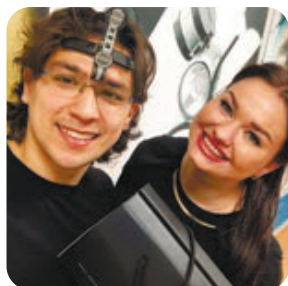
doctors around the world  
have chosen Dr.Kim



"I would like to share my experience of using the Dr. Kim headlamp a year after the purchase. The headlamp is always with me, working perfectly. It has shown phenomenal durability, and the battery life has not suffered. The headlamp reduces the strain on my eyes, which is important at my age (44 years old), and it does not feel heavy on my head. The light is clear, without double rims, and penetrates directly into the viewing area of the eyes and into the depths of the oral cavity. This increases the patient's trust in the doctor as they can sense the quality and accuracy of the work. Many thanks to the Dr. Kim team!"

**Ruben Khachatryan**

Maxillofacial surgeon, Implant specialist, PhD, Honorary Professor of the Paris International Academy of Dental Implantation, international lecturer



## Dr.Kim – created to help!

Share your photos on social networks using hashtags  
**#drkim #drkimeurope**

Follow us:  
**@drkimeurope**





More  
reviews



Follow us:

@drkimeurope



**Dr:KIM**  
MEDICAL OPTICS

Your professional  
advantage

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DR.KIM EUROPE