



Dr:KIM

Medical optics

Your professional advantage

Ruben Khachataryan
maxillofacial surgeon,
implantologist, Ph.D.

Dr.Kim is the only manufacturer of shadowless headlights that have no analogues in the world!

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



01

Shadowless headlights

- Headlight DKH-30 (side headband)
- Headlight DKH-40 (helmet)
- Headlight DKH-50 (C-ERGO mount)
- Motion sensor headlight
HEADLIGHT WITH TOUCHLESS SENSOR
- Headlight DKH-60 ProErgo Dual X (C-ERGO mount)
 - + multifocus loupes:
 - Loupes Lenses DKL-7
 - 48° binocular loupes DKT-3A
 - 48° binocular loupes DKT-4A

02

Replaceable individual optics

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

03

4K camera with autofocus "through the A surgeon's eyes"

- Video camera DK-CAM5

04

Accessories for Dr.Kim headlights

- Chargers, replacement caps, etc.

05

Dental mirrors with unique coating

- UltraClear mirrors
- UltraBright micromirrors

Shadowless headlights



Free test
drive trails



Powerful, lightweight,
no shadows and wires

DKH-60

DKH-50/50S

DKH-40

DKH-30

01

DKH-60

NEW

Available in colors:



→ INTERVERTEBRAL DISCS AND CERVICAL SPINE DISEASES PREVENTION

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* <small>*must be purchased additionally</small> | 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:

- DKT-3
 DKT-4
 DKL-5
 DKL-7
 DKT-3A
 DKT-4A
 DK-CAM4
 DK-CAMS

Compatible with camera:

DKH-50 S

NEW

Available in colors:



→ MINIMUM MOVEMENTS – MAXIMUM EFFICIENCY!

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* <small>*must be purchased additionally</small> | Full battery charging time 90 minutes | Anatomically shaped back bar |
| Contactless on/off | Sensor AT THE back panel | |

Compatible with loupes:

- DKT-3
 DKT-4
 DKL-5
 DKL-7
 DKT-3A
 DKT-4A
 DK-CAM4
 DK-CAMS

Compatible with camera:

DKH-50

HIT

Available in colors:



→ NEW DESIGN!

DKH-50 – **the most popular version** of the headlight with an innovative 2-point mount. Maximum possibilities. No analogues 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* <small>*must be purchased additionally</small> | Full battery charging time 120 minutes | Anatomically shaped back bar |

Compatible with loupes:

- DKT-3
 DKT-4
 DKL-5
 DKL-7
 DKT-3A
 DKT-4A
 DK-CAM4
 DK-CAMS

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:

- DKT-3
 DKT-4
 DKL-5
 DKL-7
 DKT-3A
 DKT-4A
 DK-CAM4
 DK-CAMS

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:

- DKT-3
 DKT-4
 DKL-5
 DKL-7
 DKT-3A
 DKT-4A
 DK-CAM4
 DK-CAMS

Compatible with camera:

Powerful, lightweight, no shadows and wires



Unique properties of Dr.Kim headlights



1

No wires

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

2

Continuous operation

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

3

Lightweight and durable

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

4

Automatic on/off

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

5

Replaceable individual optics

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

6

Shadowless effect

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

7

Multifocus loupes

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

8

4K camera with autofocus

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

9

Power up to 100,000 Lux

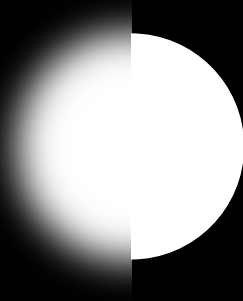
Smooth adjustment up to 100,000 Lux and diffuse light contour make work easier and reduce eye strain

Cold or warm filter



Temperature

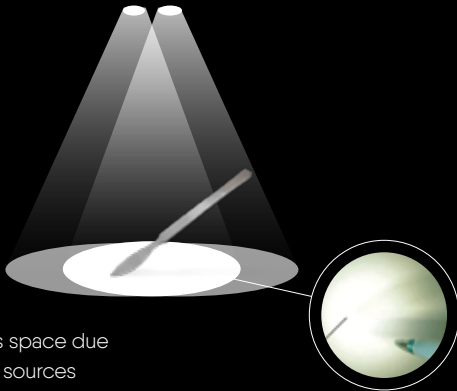
Focus changes due to interchangeable caps



Focusing light

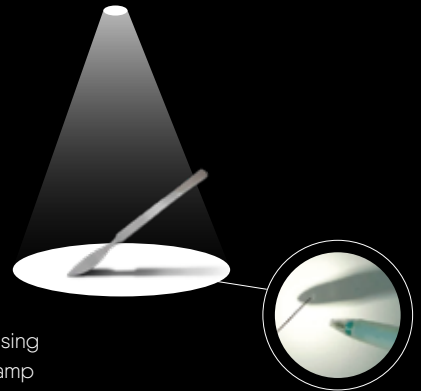
Shadowless effect

Headlight Dr.Kim



Shadowless space due to two light sources

Regular headlight



Shadow when using a regular headlamp

Headlight kit includes:



Headlight you chosen



2x

Two rechargeable batteries



2x

Two protection elements



4x

Four color filters



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 trails



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:

1.5x

Working distance:

5-100 cm

Working field size:

up to **45 cm**

Weight:

8 g

DKT-3A



48° binocular loupes
for headlamp DKH-60

Magnification:

2.5x

Working distance:

20-100 cm
(multifocus)

Working field size:

up to **15 cm**

Weight:

28 g

DKT-4A



48° binocular loupes
for headlamp DKH-60

Magnification:

4.0x

Working distance:

20-100 cm
(multifocus)

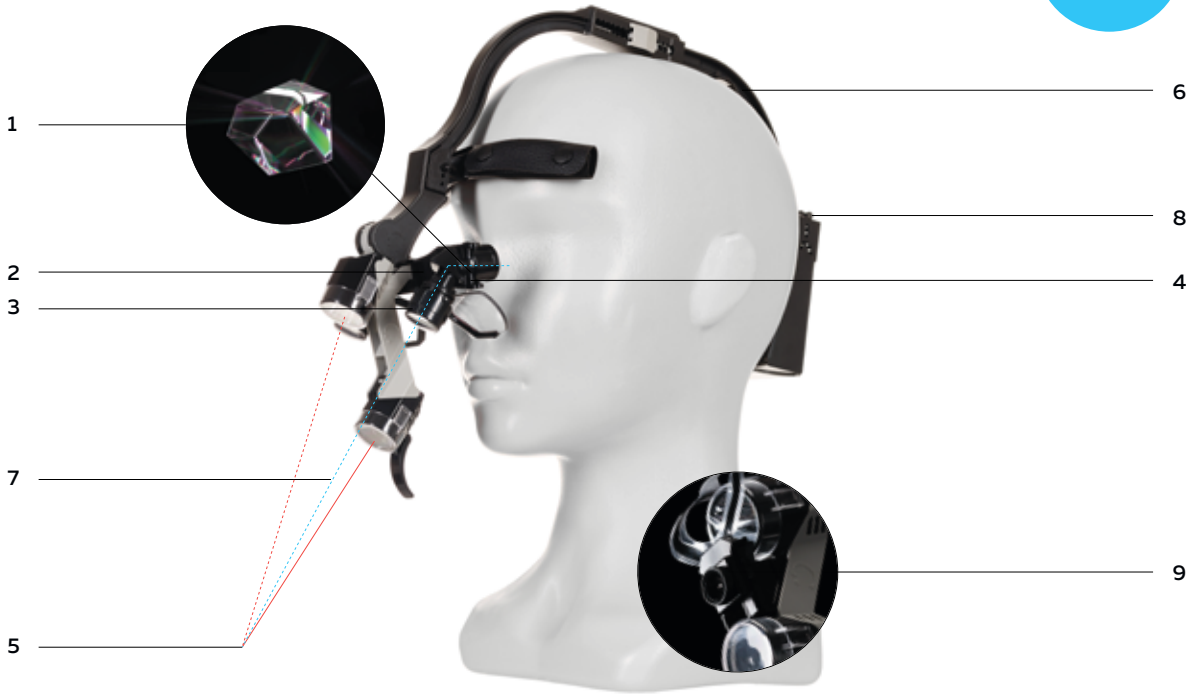
Working field size:

up to **15 cm**

Weight:

48 g

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



1 

Prismatic lens system
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.

2 

Multifocus loupes
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

3 

Dual X – double zoom
Dual X – to improve visual acuity, reduce eye strain and improve the quality of treatment!
Magnification 2.5x or 4x – for precision work
Magnification 1.5x – for all types of work

4 

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

5 

Large working field and high depth of field
The prism technology allows for a larger field of view compared to conventional magnification loupe. No eye strain even after prolonged use.

6 

Lightweight and durable
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 

Parallel viewing
Thanks to the prismatic lens system, you can look straight ahead, just like using a microscope

8 

Smooth brightness adjustment
Up to 100,000 lux. Provides uniform, bright illumination needed for precise treatment

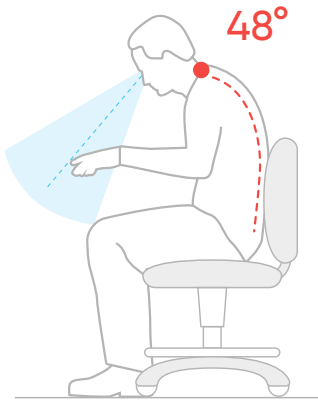
9 

4K camera with autofocus
Online broadcast and recording "through the surgeon's eyes". Wireless image transmission technology

The evolution of ergonomics

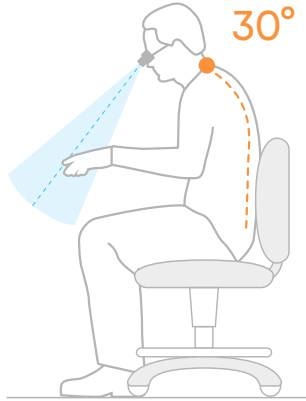
1

Without binocular loupes



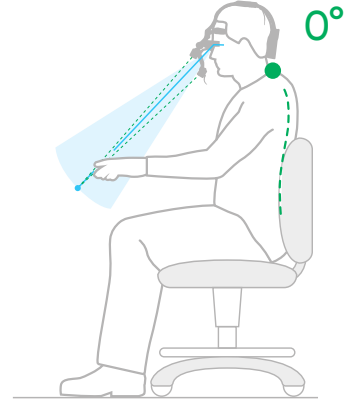
2

Wearing conventional binocular loupes



3

Wearing DKH-60 ProErgo Dual X



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



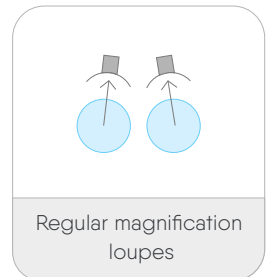
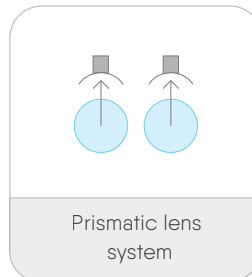
[parallel viewing]

DKH-60 + ОПТИКА

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:

1.5x

Working distance:

5-100 cm

Working field size:

up to **45 cm**

Bec:

13 g

Compatible with headlights:



DKT-3



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

Magnification:

3-3,5x

Working distance:

20-100 cm

Working field size:

up to **15 cm**

(multifocus)

Bec:

25 g

Compatible with headlights:



DKT-4



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

Magnification:

4-5,5x

Working distance:

20-100 cm

Working field size:

up to **15 cm**

(multifocus)

Bec:

39 h

Compatible with headlights:



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



Camera body

Headlight

Viewfinder

SD card

4K camera with autofocus

Receiver:

USB Type A

Cable

Foot Remote Control:

HDMI connector

Battery

Transmitter



4K image

The clearest image transmission without loss of quality, bright, detailed picture



Autofocus

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



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

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

Provides a first person view, a unique perspective for Live Surgery



Flip viewfinder (FHD)

For the convenience of focusing on the subject and framing the picture.



Image stabilization

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



Built-in microphone

Provides amazing sound quality thanks to advanced diaphragm technology.

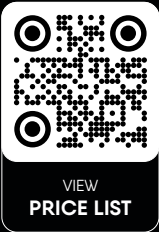


Record to SD card (64 GB) or PC



Digital Zoom – 2x

Accessories for Dr.Kim headlights



04

NEW



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



DKBT-2 – rechargeable battery

For headlamps 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 headlamps

t=4000 K, set – 2 pcs.



DKCP-TR – transparent protective caps for DKH headlamps

t=6000 K, set – 2 pcs.



DKCP-RD – dark brown filters for DKH headlamps

t=3000 K, set – 2 pcs.



DKCP-WT – white diffuse filters for DKH headlamps

t=6000 K, set – 2 pcs.



DKCP-TL – translucent matte diffusing filters for DKH headlamps

t=6000 K, set – 2 pcs.



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

t=6000 K/3000 K, set – 2 pcs.

Dental mouth mirrors



ULTRACLEAR

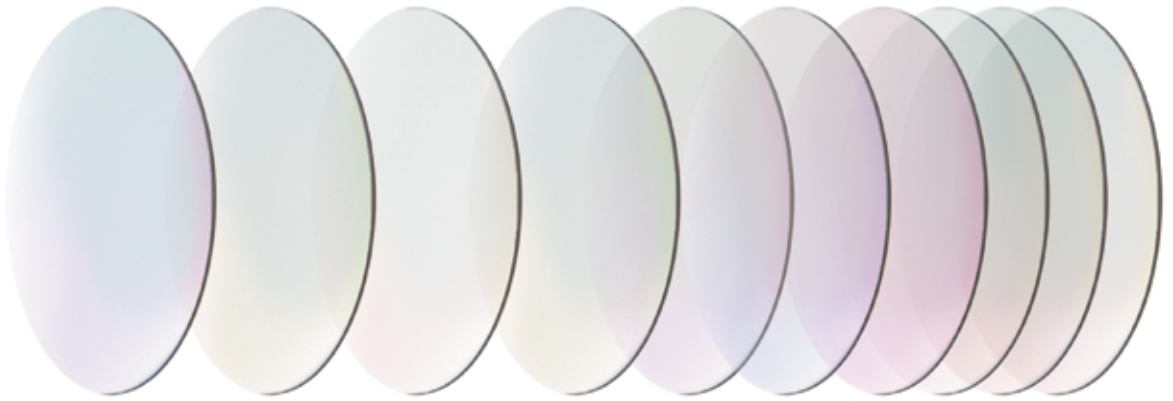
ULTRABRIGHT MICRO



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 thus 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 thus ensures optimal performance.



High accuracy




Perfect sharpness and contrast



>96%
image clarity

1:1
reflection

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.



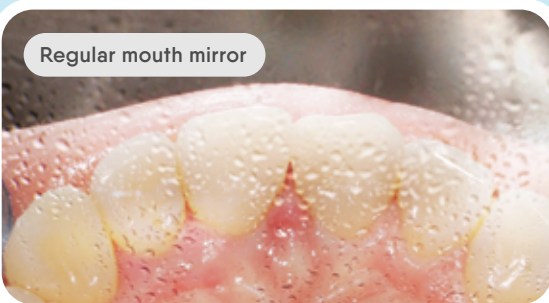
Anti-Fog – эффект
антизапотевания



Гидро-
и олеофобность

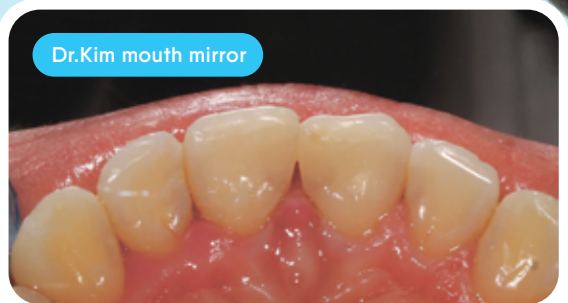


Regular mouth mirror



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%

TWO MIRROR OPTIONS

Single side or double side

SIZE

Mirror diameter 18, 22 or 24 mm

LIGHT WEIGHT

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

MATERIAL

Upgraded material, more resistant to sterilization

COMFORTABLE ONE-PIECE HANDLE

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

COLOR

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

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

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 with magnification: binoculars and microscopes

REMOVABLE MIRROR

Possibility to change mirrors for different tasks (4 options)

ERGONOMIC SHAPE

Comfortable handle allows for easy rotation at different angles

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.

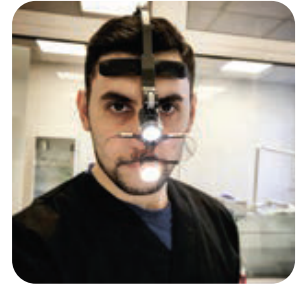
217 000+

doctors around the world have chosen Dr.Kim



"I was surprised by the shadowless light technology. I spent a long time choosing and looking closely, but I haven't seen such an option from other optics manufacturers. The headlight also turned out to be very light. I put it on before the operation, and after 15 minutes I was surprised that I forgot how I started working in it"

*Dr. Victoria Rudnova
implantologist, surgeon*



Dr.Kim – created to help!

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

Follow us:
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More reviews 

Follow us:

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Dr:KIM
MEDICAL OPTICS

Your professional
advantage

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Registration certificate for a medical device RZN 2017/5939

Complies with Directive 93/42 EEU MDR 2017 / 745

Declaration of Conformity ROSS RU D-CN.RA01V.38180/24