



ARK-REACH

DENTAL PRODUCTS

PRECISION BEYOND VISION

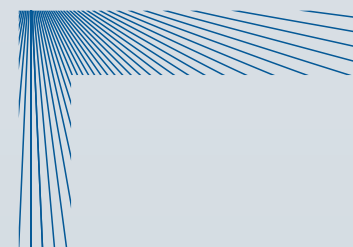
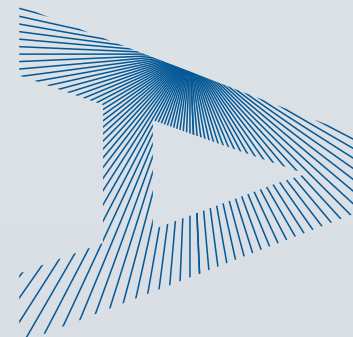
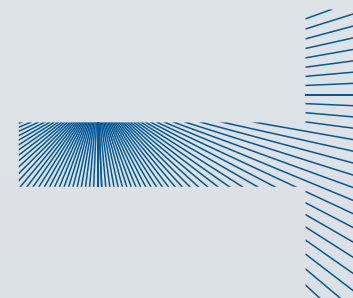
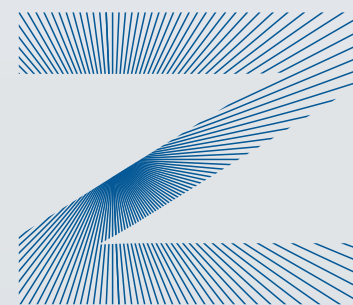
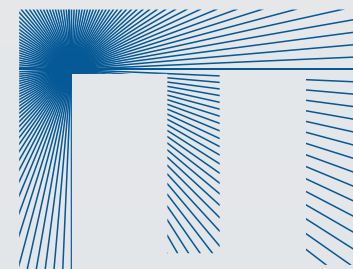
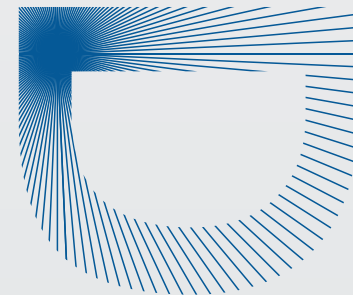
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DENTAL MICROSCOPES



OMS2050



OMS2000



OMS3200



OMS2350



OMS2360/2380 R2

PREVENTING OCCUPATIONAL INJURIES TO EXTEND CAREER

Figure 1: Percentage of pain point locations in dental industry
–University of British Columbia

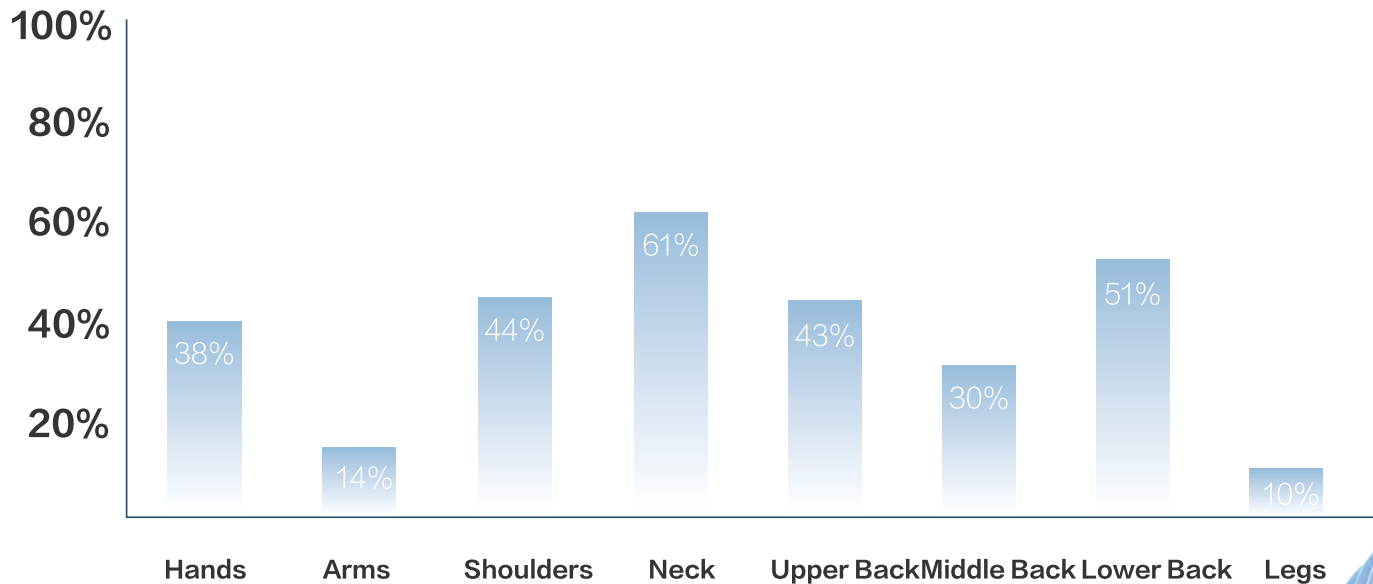
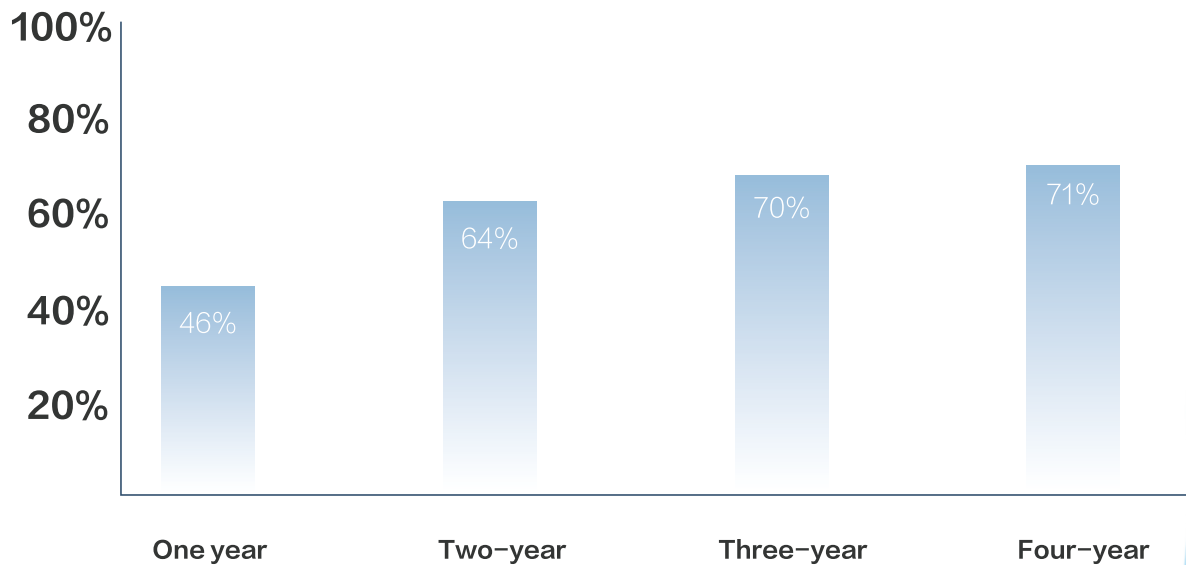


Figure 2: Percentage of dental student with occupational pain
–University of British Columbia



A comfortable upright position **avoids injury** to the spine and reduces skeletal muscle pain in the neck, shoulders, which can specifically **reduce certain occupational injuries**.

Microscope also maintains a relatively safe distance between the surgeon and the patient, **reducing the risk** of saliva and blood infections.



NAKED EYE 2.5X LOUPES 5X LOUPES MICROSCOPE



OMS3200



FreeMov® Electromagnetic System
BriPlus™ Adaptive LED Illumination System
FluoDet™ Fluorescence Module (Optional)
AntiReflect™ Matte Function (Optional)

OMS2380 R2



Super Balancing Arm
Continuous Zoom Magnification
One-hand Operation
FluoDet™ Fluorescence Module (optional)

OMS2360



Continuous Zoom Magnification
6-Level Adjustable Light Spot Knob
VarioDist Objective Lens F=200~450mm
4K Imaging Module

OMS2350



6-Step Magnification
VarioDist Objective Lens F=190mm~300mm
120° Balance Arm

OMS2050



Continuous Zoom Magnification
VarioDist Objective Lens F=190~480mm
90° Optical Extender & 4K Imaging Module
ViewPivot Coaxial Rotation Arm & Pendulum Pro System

OMS2000



5-Step Magnification
VarioDist Objective Lens F=190~480mm
ViewPivot Coaxial Rotation Arm & Pendulum Pro System

OMS2350

Training Microscope



5-Step Magnification

VarioDist Objective Lens F=190mm~300mm

OMS2050/2000

Training Microscope



Continuous Zoom Magnification

VarioDist Objective Lens F=190~480mm

ACCESSORIES



**MagPlus1.5 180 deg
inclinable binocular
with PD**



**180 deg inclinable
binocular with PD
adjustment device**



**180 deg inclinable
binocular**



45 deg inlined binocular



Straight binocular



**Stereo observation
tube with locker**



Binocular extender



**Extender and Beam Splitter
(50%:50%)/(20%:80%)**



Binocular Rotation ring



**Extender and
Beam Splitter**



12.5X Eyepiece



10X Eyepiece



**12.5X Eyepiece with
target reticle**



1/3" CCD Adapter



**Digital Camera Adapter
Nikon/Sony/Canon**



**Camera Adapter
Nikon/Sony/Canon**



**Digital Camcorder
Adapter
Nikon/Sony/Canon**



**Easy360 Adapter
for mobile phone**



**Easy360 Plus Adapter
for mobile phone**



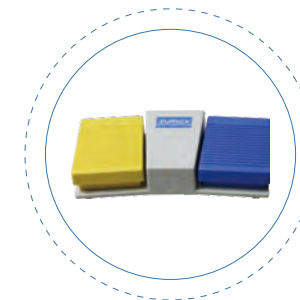
**Universal holder
(use with mobile
phone adapter)**



**Wood grain cover
(use with mobile
phone adapter)**



Dual iris diaphragm



Wireless Foot pedal



iPad Mini 6 Adapter

DIGITAL 3D SOLUTIONS

Real-Time Eye Tracking

1-meter optimal viewing distance

15.6-inch high-definition screen

70° wide-angle field of view



Naked eye monitor



Digital Binocular Eyepiece



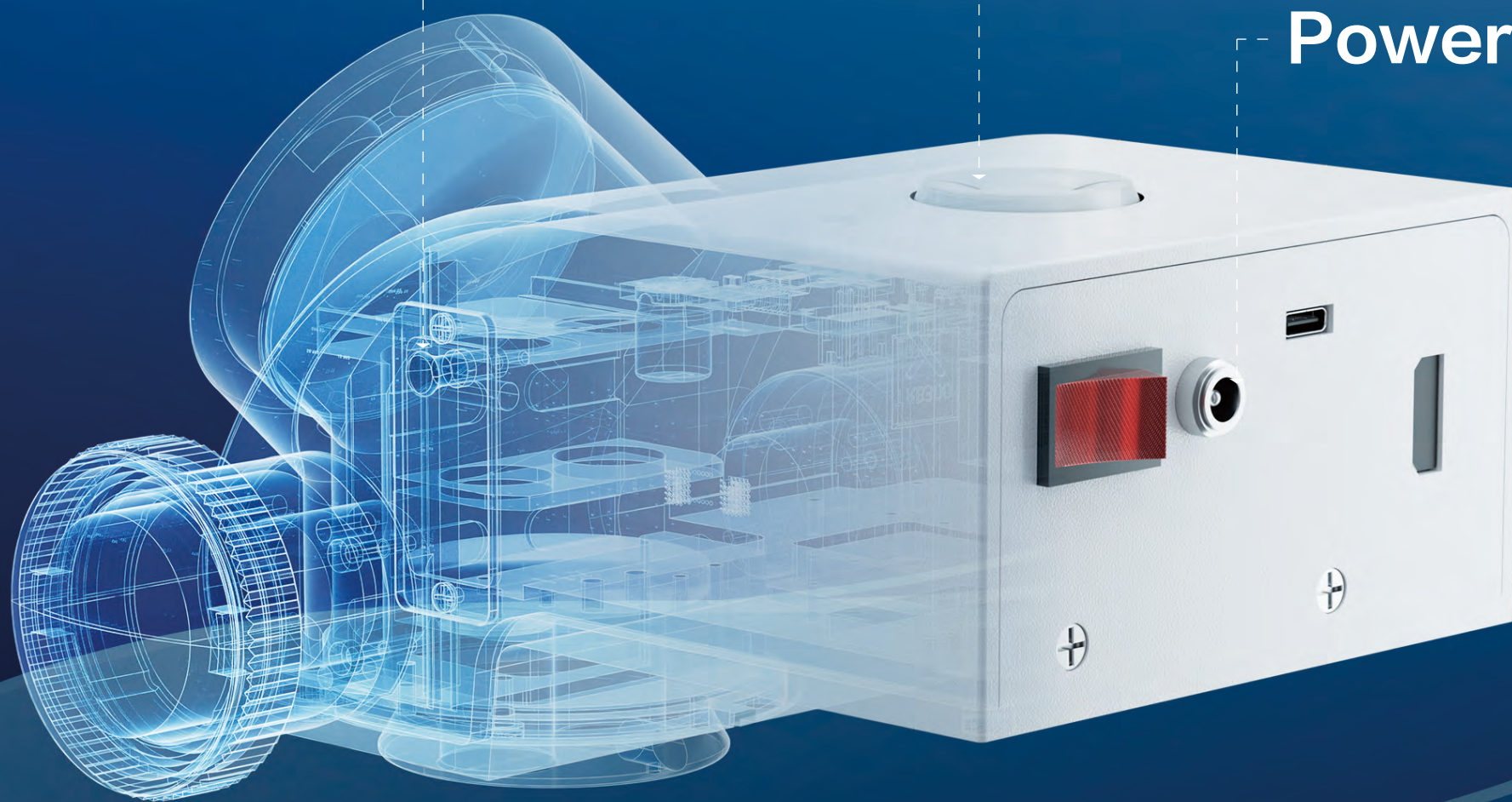
HUD 4K-3D

DentSight AR

Ocular Viewing Options

Control Buttons

Power



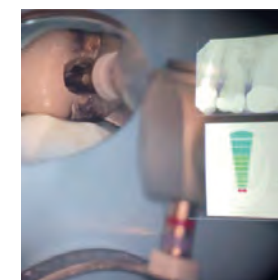
Features

DentSight AR is an Augmented Reality Program that is integrable with microscopes.

Jointly developed by Medical, **leading universities** and **Dr. Bobby Nadeau**, a Canadian Endodontist.

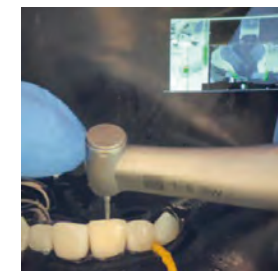
Augmented Reality

Utilizes Heads-Up Display (HUD) to achieve seamless real-time interaction between the surgical field and virtual images with the goal of enhancing treatment ergonomics and efficiency.



Apex Locator

Note: An endodontic motor system with a HDMI output is required.



Dynamic Navigation



3D Model Overlay

Obtain critical anatomical information.

BORN FOR THE CLINICAL PRACTICE

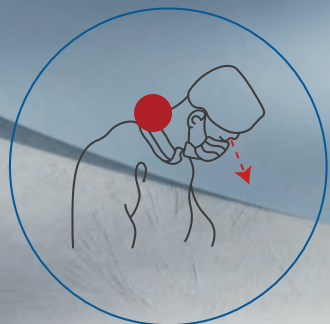


Advantages

- 99.5% high optical transmittance
- Multi-layer coating technology
- Anti-fog and anti-mold properties
- Ergonomic design

DFK Air

45° Prism angle design
Parallel line of sight design
Promotes proper ergonomics
Excellent adjustable features



Without loupes
22kg



Traditional loupes
18kg



DFK Binocular Loupes
4.5kg

SLT TTL LOUPES

COLORFUL 2.5X

Excellent optical design
Custom-made



TITANIUM FRAME

FIELD OF VIEW DIAMETERS

Magnification	Weight	340mm	420mm	460mm	500mm	550mm
2.5x	57g	90mm	105mm	115mm	125mm	130mm

COLORS

frame gray+tubes blue
frame gray+tubes green



ADJUSTABLE PD

50mm-75mm

FIELD OF VIEW DIAMETERS

Magnification	Weight	340mm	420mm	460mm	500mm	550mm
2.5x	57g	90mm	105mm	115mm	125mm	130mm

COLORS

frame gray+tubes blue
frame red+tubes blue
frame brown+tubes green



PD OPTIONS

S -60(58-62)
M -64(62-66)
L -68(66-70)

SPORTS FRAME

SLT TTL LOUPES

Customized Kepler Optics 4X



SPORTS FRAME

SLT TTL LOUPES

Customized 2.5X 3.0X

Multi-coated lenses

Anti-reflective

Custom working distance



TITANIUM FRAME



TITANIUM FRAME



SPORTS FRAME

SLH LOUPES

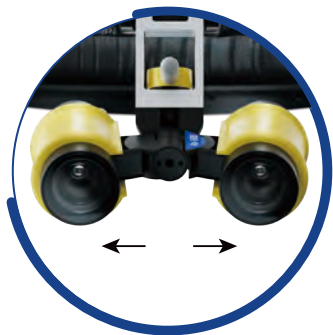
Kepler Optics 4X 5X 6X

Adjustable PD of 45–65mm
Independently adjustable structure
Key-Lock Lever
Use without removing glasses

FIELD OF VIEW				
Magnification	340mm	420mm	460mm	500mm
4.0x	50mm	65mm	75mm	85mm
5.0x	45mm	55mm	60mm	65mm
6.0x	40mm	47mm	50mm	58mm



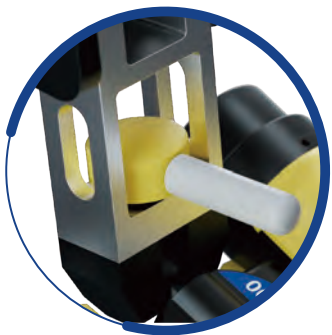
Vertical displacement knob



Adjustable PD



Magnetic connector



Key-lock lever



Infection control grip adjustment

SLK LOUPES

2.5X 3.0x 3.5x

Flip-Up Design

Single-handed, synchronized PD adjustment



SLH LOUPES

2.5X 3.0x 3.5x

Secondary hinge adjustment mechanism

Headband Mounting Option

Use without removing glasses



HL8300/HL8200 Medical Headlights

- Medical-grade LED light source
- Ergonomic design
- Smart rechargeable lithium battery
- Lifespan of 20,000 hours
- Yellow filter



HL8300

Weight: 27g
Battery Life: >6 Hours

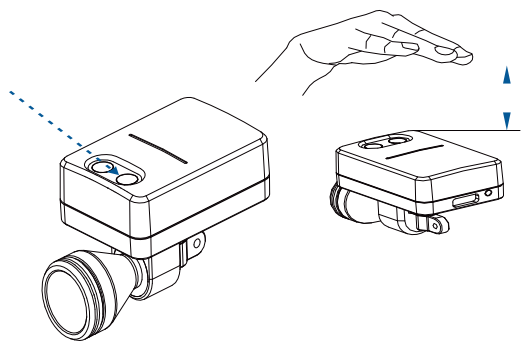
HL8200

Weight: 12g
Battery Life: >7 Hours



HL8200 Medical Headlight

HL8260 Medical Headlights



Weight (with Battery): 31g
Battery Life: >3 Hours



BROKEN FILE REMOVAL INSTRUMENT KIT

Broken Instrument Removal kit



Designed by Dr. Bin Fan

Kamand Loop Removal kit



Designed by Dr. Siavash Moushekhian



GINGIVAL PROTECTOR

Aesthetic Restoration Tool

Improves patient experience, protects gums

Reduces damage

Enhances surgical visibility



DENTAL TWEEZER

360° multi-angle adjustable crab claw design for more stable grip and stronger reliability.

Facilitates precise operation in narrow fields of view under a microscope.



MICROSCOPE STOOL

Ergonomic

Tailored solution for microscope users



Dental Instruments Sterilization Box

304 Stainless Steel

Replaceable silicone consumables

Foldable design

