



SEMORR
see more treat more

DOM 3000 D 4K PRO
MICROSCOPE

4K PRO MICROSCOPE SPECS

1

New Optical design, Extreme visual experience

2

Vario focus **180-460mm**

3

Zoom magnifications **3.6x - 23.3x**

4

Continuous Magnification System

5

FOV: **9.7mm - 132mm**

6

Built-in **4k camera** system for higher-quality imaging

7

Light source: Built-in **LED light** source, With continuous adjustable luminance **80,000 lux**

8

Same light power after continuous zooming
(**Powerful Not affected**)

9

60,000 Working hours light life span

10

Coil spring torque adjustment

11

Balanced Arm

12

New Era of **IOT** (share in real-time control modes mobile, tablets)

13

Surface-coated antibacterial nano-silver ion

14

5 YEARS warranty and Maintenance from Perfect Dent

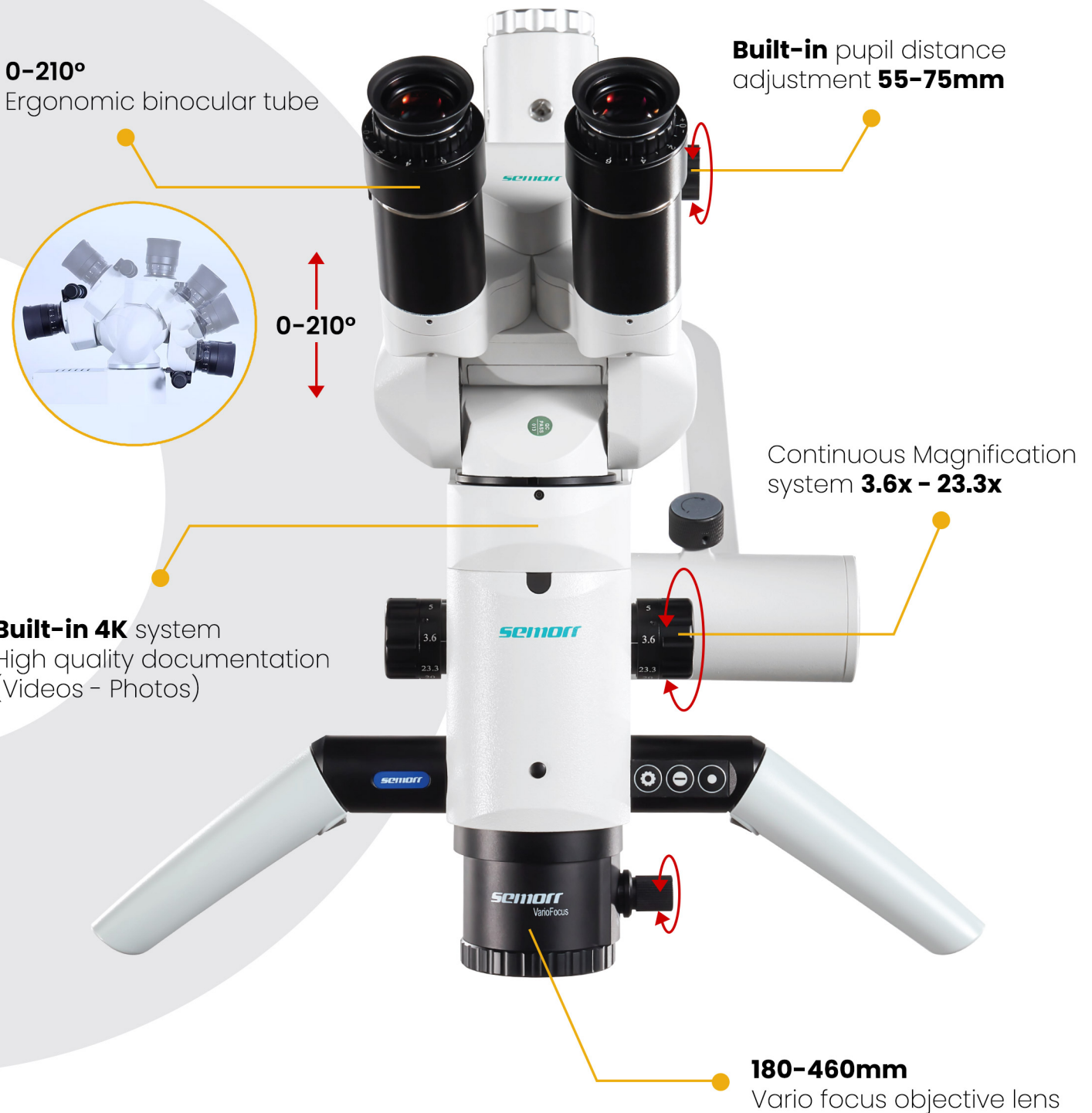
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Continuous Education Support

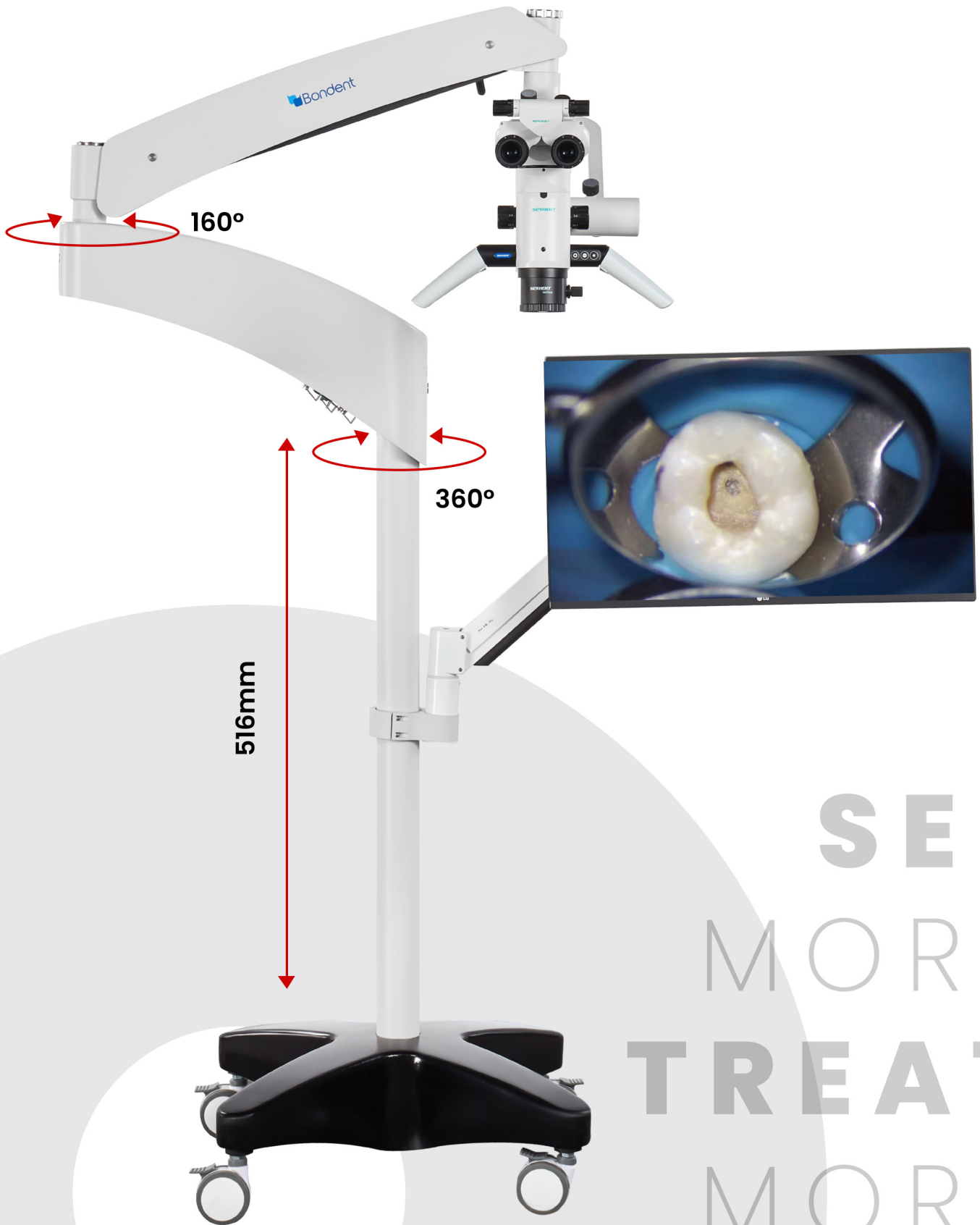
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Competitive price

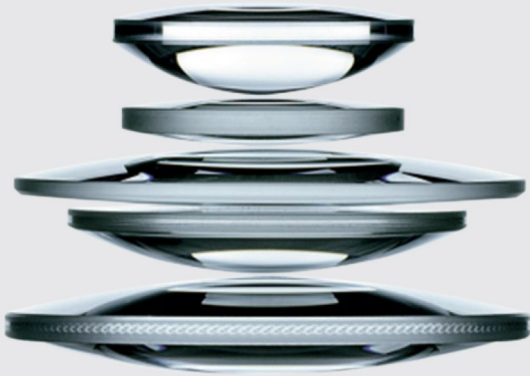
ERGONOMIC DESIGN, EASE OF USE, COMFORT



FLEXIBLE MECHANISM



SEE
MORE
TREAT
MORE



NEW OPTICAL DESIGN

EXTREME VISUAL EXPERIENCE

-Sharpen optical imaging

Effectively reduce beam splitting, color separation, filtering, polarization, and thus reducing glare

-Improve imaging clarity

The new optimized optical path design enhances the ability to collect light within the working distance, thereby increasing the resolution

-Enhance color rendition

Medical grade LED light source is used to increase the percentage of luminous flux to its incident luminous flux and improve light transmittance

BUILT-IN 4K CAMERA FOR HIGHER-QUALITY IMAGING

Built-in 4K imaging system, based on SONY's high-end image sensor, it supports 4K video recording, which is much clearer than traditional high-definition imaging systems.



UNOBSTRUCTED FIELD OF VIEW

Less repositioning during surgery

FOV: **132mm** to **9.7mm** field of view diameter



LARGER OPERATING SPACE, LESS MICROSCOPE MOVEMENTS

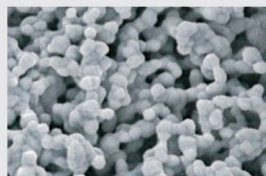
Vario focus objective lens

Range: **180mm** - **460mm**



SAFER AND CLEANER CLINIC ENVIRONMENT

The permanent nano-silver ion coating additionally protects the overall body of the microscope, which can further maintain the cleanliness of the microscope surface, reduce harmful pathogens and reduce the risk of cross-contamination, and adhere to strict disinfection protocols in clinics



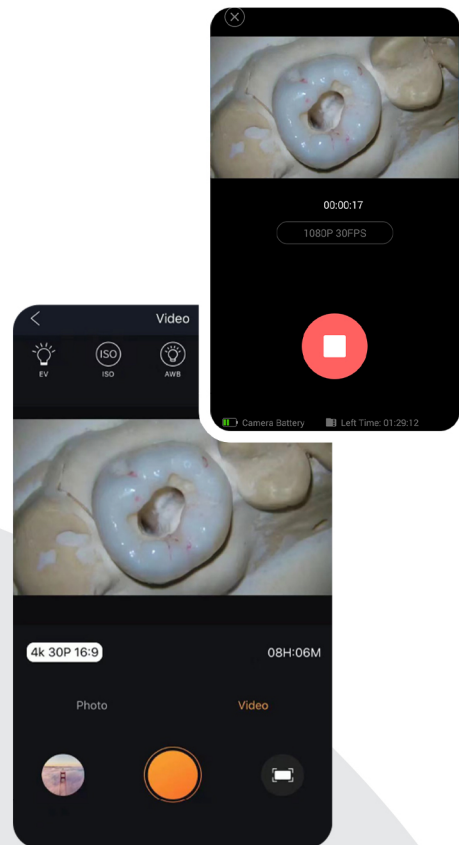
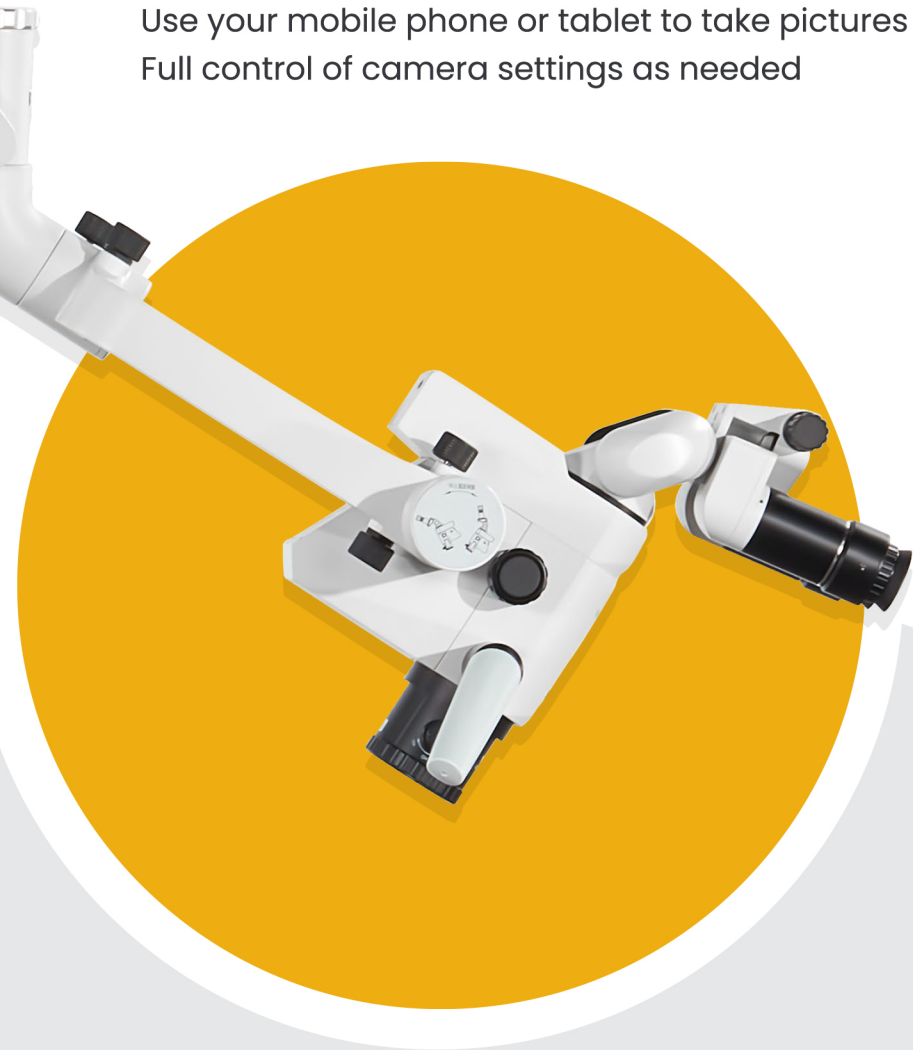
ERA OF IOT, SHARE IN REAL-TIME

More flexible control modes

- Mobile phone
- Tablet computer
- Buttons on hand

Use your mobile phone or tablet to take pictures and videos of cases

Full control of camera settings as needed



Download
Bon Image app



IOS



Android

THE MOST RELIABLE OPTICAL AID SUPPORT FOR EVEN THE MOST DEMANDING DISCIPLINES

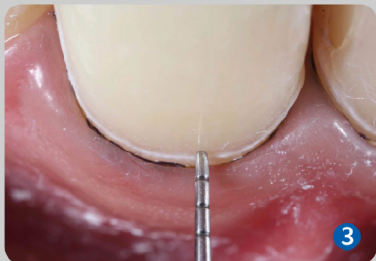
Endodontics



Oral examination



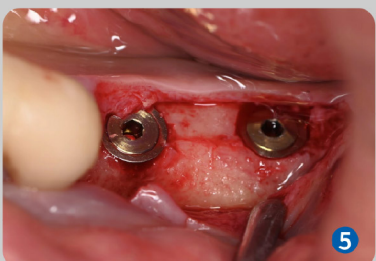
Aesthetic dentistry



Periodontics



Implantology



IMAGES COURTESY OF:

- Dr. Nuno Pinto ¹
- Dr. Ming Xue ²
- Dr. Hongyuan Wen ³
- Dr. Jianhua Liu ⁴

4K PRO MICROSCOPE TECHNICAL DATA

Microscope System	
Eyepieces	10X/22B high eyepoint ocular help receive larger FOV
Binoculars	0~210° Inclunable extended tube
PD adjustable range	55mm-75mm
Diopter Range	±7D
Magnifications	ZOOM magnification
Zoom magnifications	3.6x-23.3x
Objective Lens	180mm-460mm
Diameter of FOV(*)	132mm-9.7mm
Illumination System	
Light source	Built-in high-reliability medical LED light source , with continuously adjustable luminance, life span over 60,000 hours
Minimum illumination intensity (f=250)	≥80000lx
Diameter of illumination spot	≥60mm
Color Filter	Yellow , green
Color temperature	5700K, closer to natural light
Support System	
Bracket type	Suspension type bracket
Big arm	460mm, 360° rotation
Spring arm	700mm, ±160° rotation, vertical displacement ±315mm
Maximum arm spread	1390mm
Base size	516mm*516mm
Surface Material	Protected with antibacterial nano silver ion coating to ensure no cross contamination
Built-in 4K camera system	
Video definition	3840×2160 (4K, switchable to 2.7K, 1440P, 1080P, 960P and 720P)
Video frame rate	30fps@4k
Storage medium	External TF flash disk 128G TF
Screencasting Program	Play back video and picture files online
Shooting support mode	JPG\RAW (image format), MP4 (video)
4k pedal	Control 4K video system shooting
Control mode	Wireless remote control: mobile phone, tablet and other terminals Buttons on handle

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