


Technical Parameter		
Optical Parameters		
Magnification System	Continuous zoom magnification	
Working Distance	Variable Working Distance 190 mm ~ 480 mm	
Binocular Tubes	0°-190°Inclinable Binocular Tube	
PD Adjustment Range	55 mm ~ 75 mm	
Eyepiece	Magnification 12.5X Diopter Adjustment Range:±7, High Eye Point (m-1)	
Illumination	Integrated true color LED illumination CT5500K CRI90	
	Yellow and Green filters	
Movement	Pendulum Pro angle 22° left and right	
	Front swing angle 45°	
	Rear swing angle 100°	
	Horizontal plane Rotate 350 °	
Optional Accessories	ViewPivot arm	
	Extender, Stereo Observation Tube, camera adapter, smartphone adapter, camcorder adapter, 4k external camera module	
Construction System		
Construction	Floor Stand with First Arm and Second Arm	
	Second Arm Length≥1000mm, Rotation Angle ±150°, Up and Down Movement Range not less than ±500 mm	
	The First Arm Length ≥500 mm, Rotation Angle ±350 °	
Software Parameter (Optional)		
Function of Software	The buttons on the optional imaging device control the photo, video and freeze functions.	
	Optional foot switch to control photo and video functions	
	The image device can capture the image of the object under the objective lens of the operating microscope, and store the image on the U disk or mobile hard disk directly.	

\* Sales countries and regions do not include the Germany, Belgium, France, United Kingdom, Ireland, Switzerland, Austria, Liechtenstein, United States and Japan.



# OMS2050

## DENTAL MICROSCOPE\*

The new lightweight and compact design is more ergonomic and offers superior optical performance.



For more information, please contact :  
**Zumax Medical Co., Ltd.**

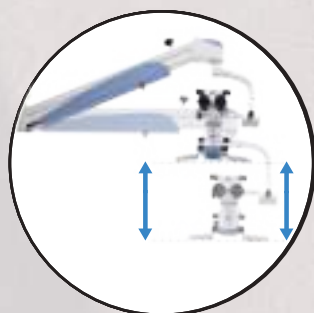
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#### ViewPivot arm

As the lens rotates around the balance arm rotation axis, the optical axis and the balance arm rotation axis remain coincident. Horizontal plane Rotate 350 degrees



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#### Customized safe working distances

Lower limit design to customize the working distance of the microscope up and down according to your working requirements



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#### External Camera Adapter (optional)

Whole new camera interface design for doctors and assistants to take observation documentation



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#### 4K camera module (optional)

Provides 4K HD recording and video transmission to the monitor via HDMI cable



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#### Filters and light spot sizes selection knob

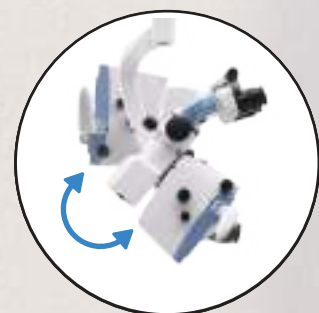
It can switch between at least five states: large light spot, medium light spot, small light spot, yellow filter and green filter



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#### Pendulum Pro

The eyepiece keeps in its original position during the pendulum movement of the lens Pendulum angle 22° degrees left and right



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#### Lens Tilt Damping Adjustment Design

Front swing angle 45°  
Rear swing angle 100°



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#### Continuous zoom magnification

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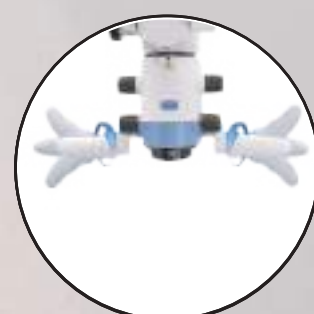
#### Up to 290mm focus range

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#### Continuously adjustable light source brightness

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#### Photo/video control buttons



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#### Rotatable handle

Ergonomic rotatable handle design



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#### Pupillary distance adjustment

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#### 0° - 190°inclined Binocular Tube with PD adjustment