



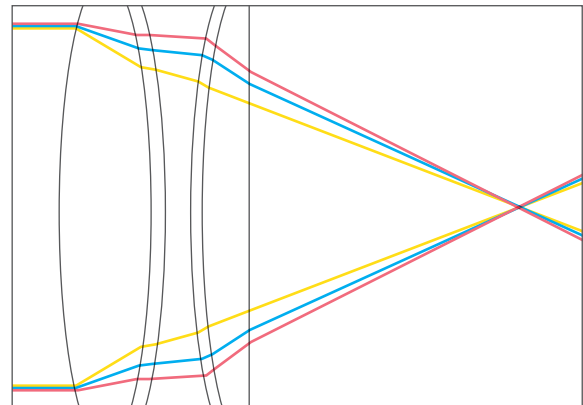
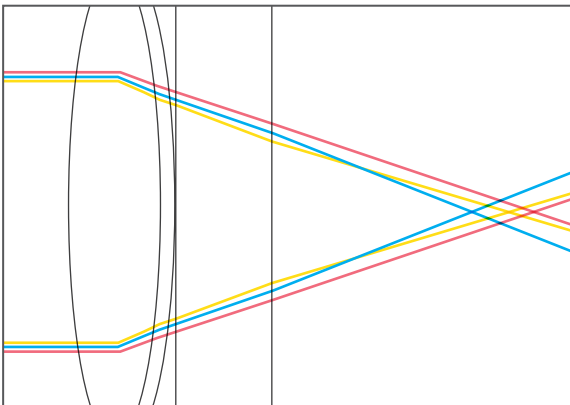
# SM625D

## Dental Surgical Microscope

Make **Diagnosis** and **Treatment** Smarter






Over **20** years of optical design experience



## Cutting-edge Optics

World-class optical lens with Apochromatic Design(APO), able to remove color difference, improve articulation index and increase the depth of field.

# Multi-function Knob

-  Brightness Adjustment
-  Capturing and Filming
-  Filters Selection



Orange filter

White light source

Green filter



## Improve Efficiency and Focus

Not just single hand control, all the microscope functions within one thumb-operated coverage.

## Single Finger Control

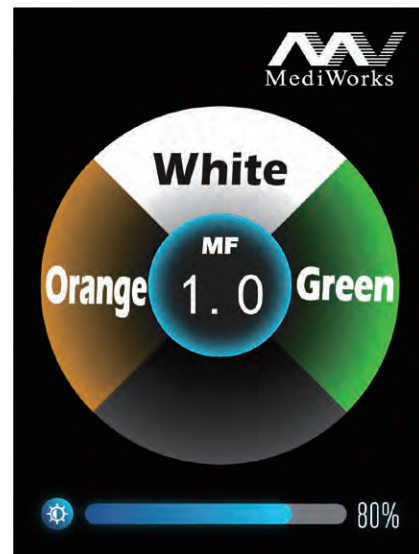
With only one finger, you can reach the magnification knob, multi-function knob and variofocus objective lens with upright sitting position.





## Information Display

The LED display will be visually showing filter mode, zoom magnification factor and illumination statuses. It is very helpful in teaching process.



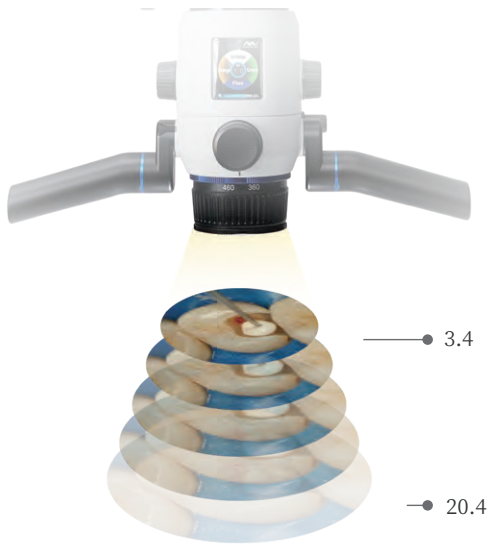
## Varifocus Objective

Variable working distance of 190 mm - 460 mm, reduce instrument interference on the microscope.



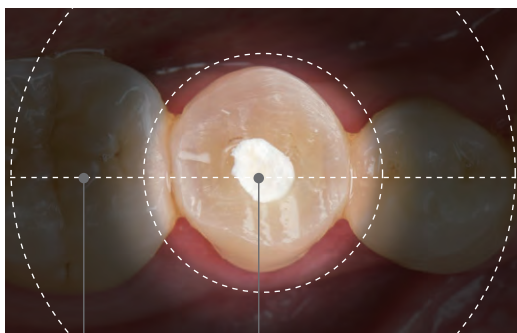
## Superb Balance Arm

Equipped with dual-joint balance adjustment, the balance arm assures an ultra-smooth and ergonomic extension for dentists.



## Motorized Continuous Zoom System

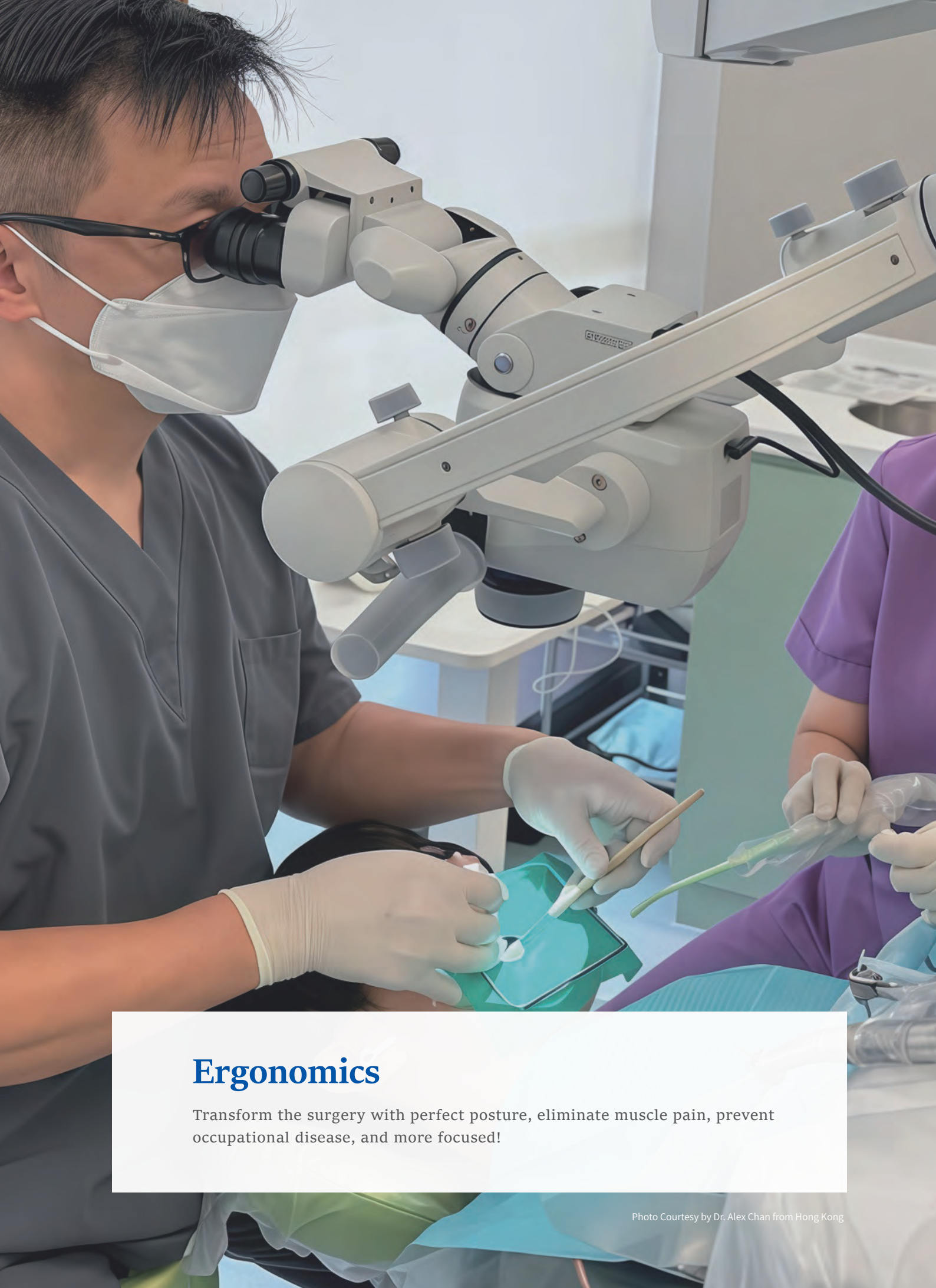
Compared to traditional mechanical magnification, the motorized continuous magnification system allows for a better experience with uninterrupted adjustment of magnification during the procedure.



## Zoom Aperture Adjustment

Meet the aperture size requirements of different surgical scenes. At the same time, we can also protect the patient's eyes when working at a large working distance.





## Ergonomics

Transform the surgery with perfect posture, eliminate muscle pain, prevent occupational disease, and more focused!



Iris diaphragm  
( Increase depth of field )



Rotation ring



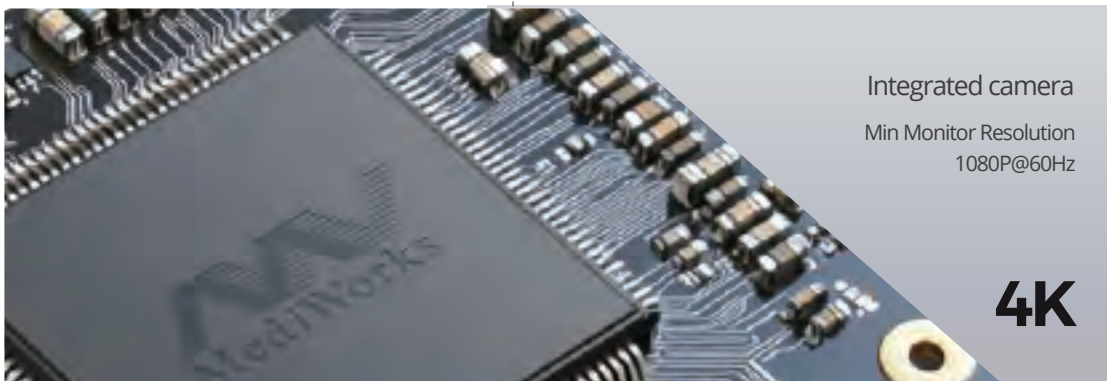
6 in 1 Module  
Varifocus for the Camera



30° Binocular extender



Beam splitter

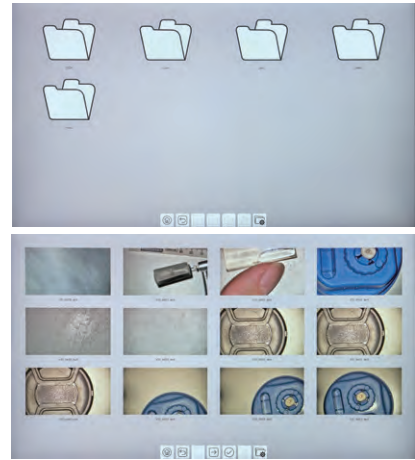
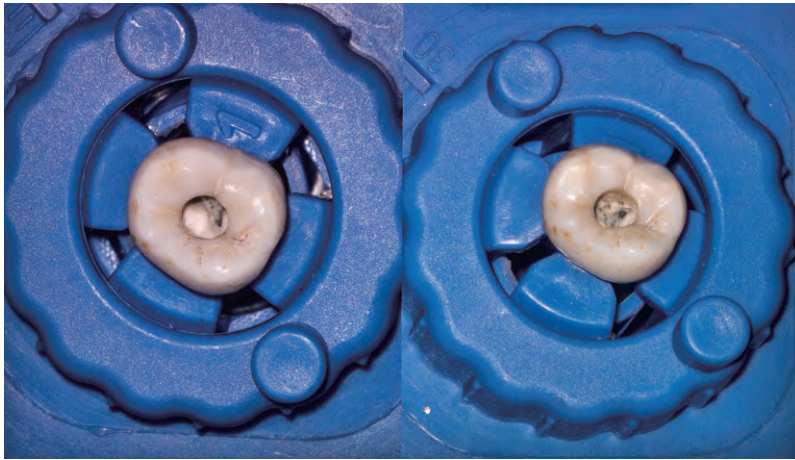


Integrated camera

Min Monitor Resolution  
1080P@60Hz

**4K**

# Patient Management System



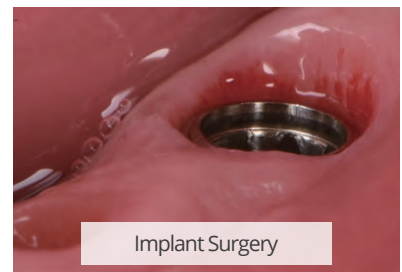
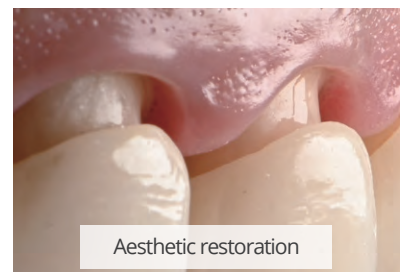
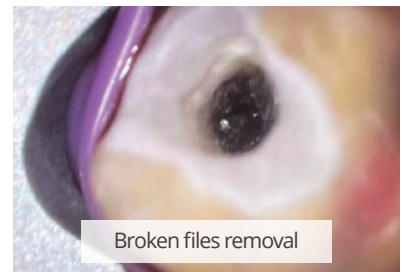
## Case comparison system

Compare the patient's picture to facilitate the comparison of pre- and post-operative results.

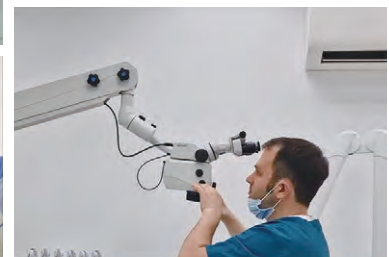
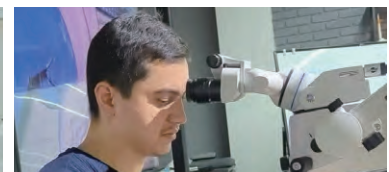
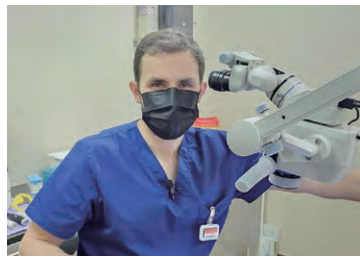
## Patient management system

Create patients' own folders to facilitate management of patients' cases.

# Clinical Application Scenarios



# Worldwide Users Stay With Us

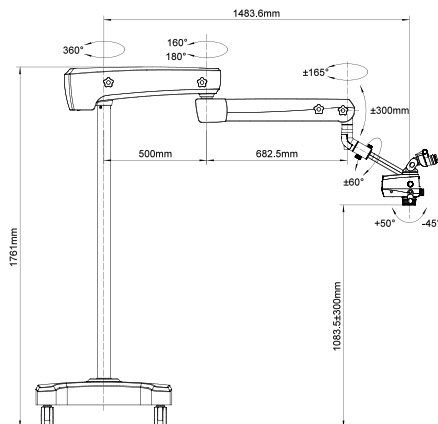


# Specifications

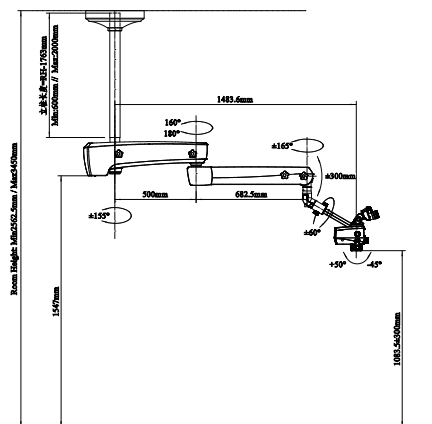
<b>Dental Surgical Microscope</b>	Classic	Pro
Zooming Magnification 3.4x-20.4x	●	●
180° Tiltable Binocular with PD Adjustment	●	●
12.5 x Wide-Field Eyepieces, Diopter Adjustable of Eyepiece $\pm 7$ D	●	●
IPD 52 mm - 75 mm	●	●
Multi-Function Knob	●	●
Information Display	●	●
Illumination Intensity > 100000 lx	●	●
Built-in LED	●	●
Zoom light aperture	●	●
<b>Objectives</b>	Classic	Pro
Varifocal 270, F=190 mm - 460 mm	●	●
Dust Cap for Objective Lens	●	●
<b>Functions/Filters</b>	Classic	Pro
Orange Filter & Green Filter	●	●
APO Design	●	●
<b>Digits</b>	Classic	Pro
6 in 1 Module: Binocular Extender & Beam Splitter & Rotation Ring & Varifocus for the Camera 4 K integrated Camera(Wireless Foot Pedal, Min Monitor Resolution 1080P@60Hz) & Iris Diaphragm	○	●
<b>Mounting System</b>	Classic	Pro
Floor Mount, Ceiling Mount, Wall Mount, Desktop	●	●
<b>Accessories</b>	Classic	Pro
25° Binocular Rotation Ring	○	○
Foot Switch (Optional Camera Type: Sony, Canon or Nikon)	○	○
Iris Diaphragm (Increase the Depth of Field)	opt.	●
30° Binocular Extender with Built-in Beam Splitter	○	○
Digital Camera Adaptor (Optional: Sony, Canon or Nikon)	○	○
360° Cell Phone Adaptor	○	opt.
Built-in Battery and HDMI Cable (Optional Camera Type: Sony, Canon or Nikon)	○	○
<b>Balance Arm</b>	Classic	Pro
Superb Balance Arm	●	●
Straight Down Arm	opt.	opt.

# Suspension System Options

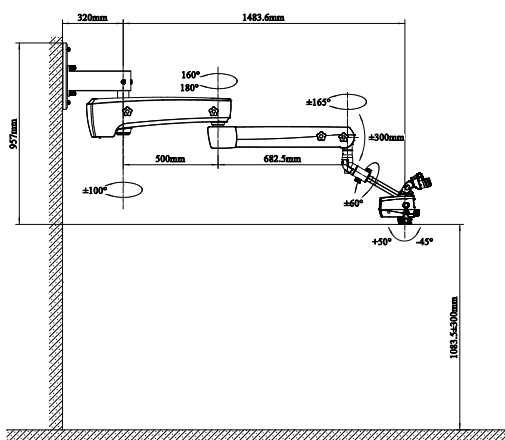
Floor mount



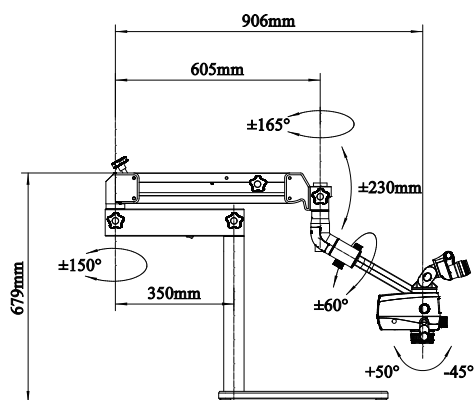
Ceiling mount



Wall mount



Desktop



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