

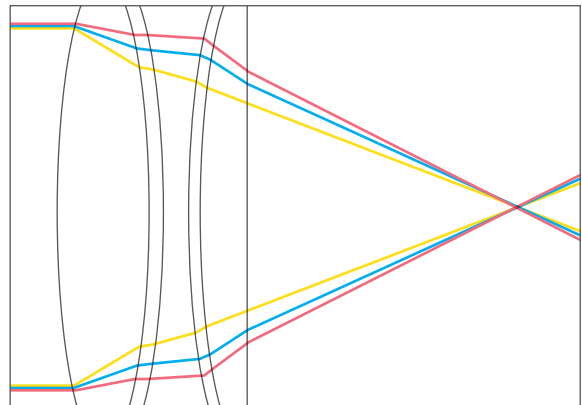
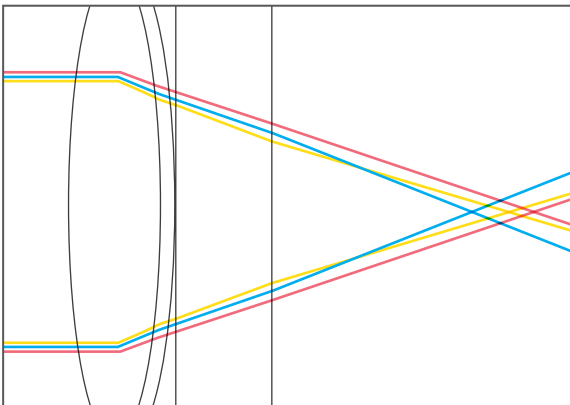


Owl Viewer Series Dental Surgical Microscope

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



Over 20 years of optical design experience



Cutting-edge Optics

Imported 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
-  Fluorescence



Orange
filter

White light
source

Green filter

Fluorescent light
source



Improve Efficiency and Focus

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

Single Finger Control

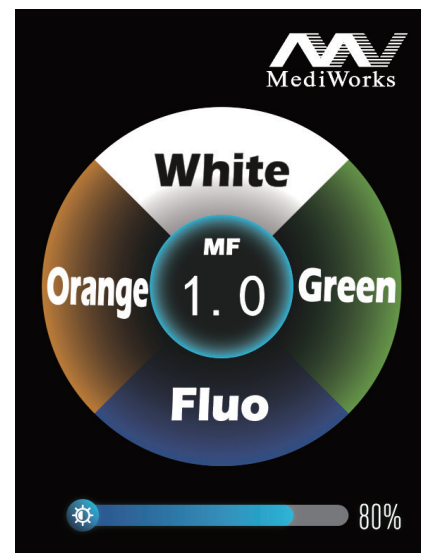
With only one finger, you can reach the magnification knob, multi-function knob and variofocus objective lens with upright sitting position.





Information Display

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



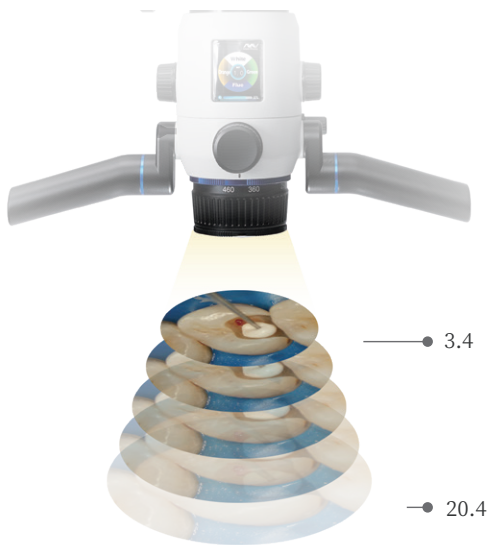
Varifocus Objective

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



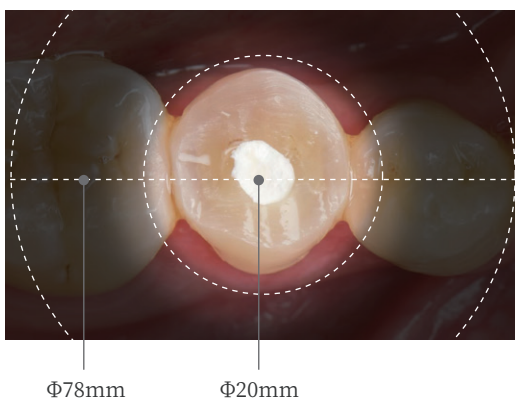
Superb Balance Arm

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



Motorized Continuous Zoom System

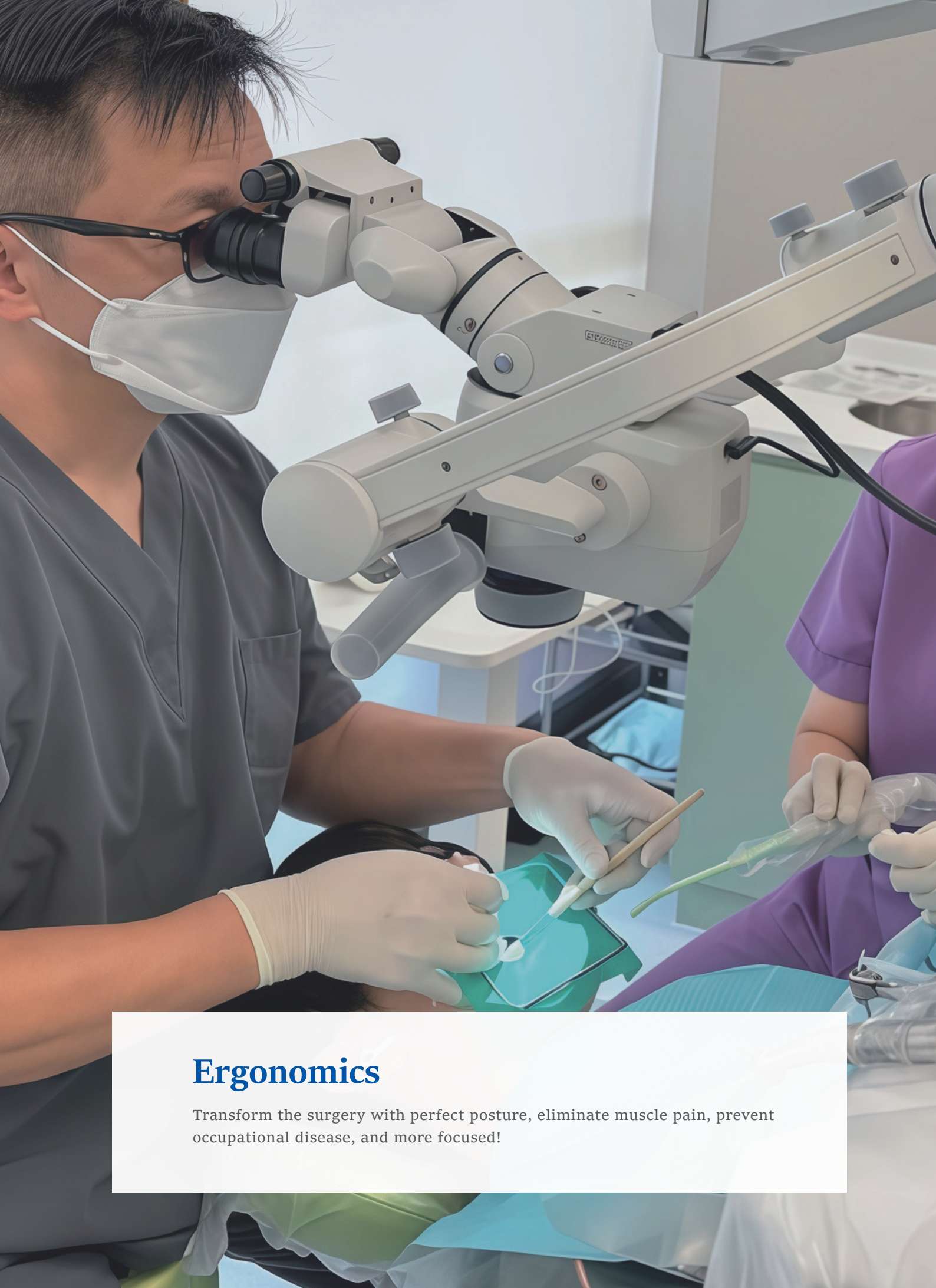
Compared to traditional mechanical magnification, the motorized continuous magnification system allows for a better experience with uninterrupted adjustment of magnification during the procedure.



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



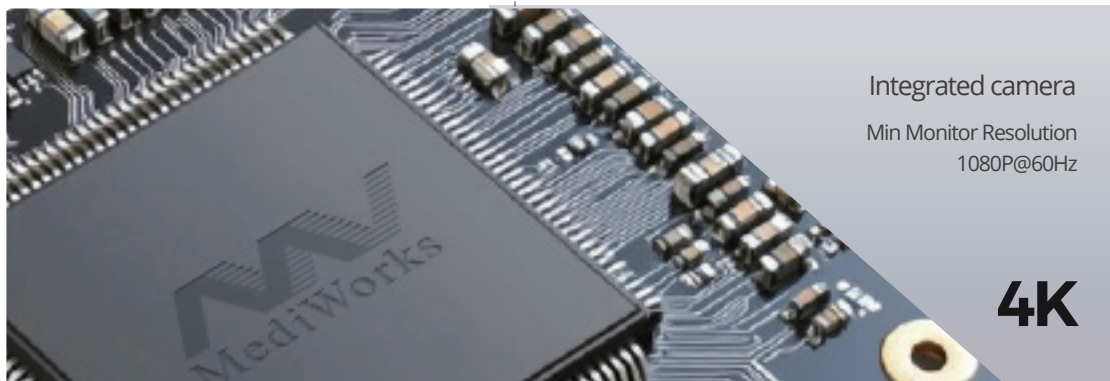
6 in 1 Module
Varifocus for the Camera



30° Binocular extender



Beam splitter

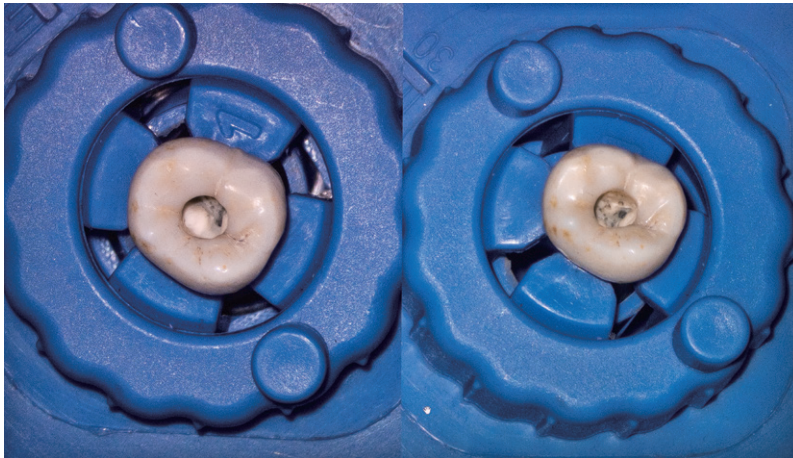


Integrated camera

Min Monitor Resolution
1080P@60Hz

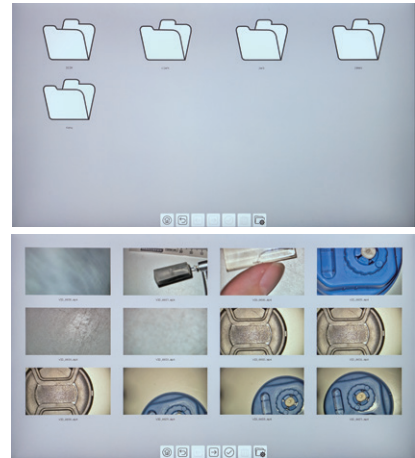
4K

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.

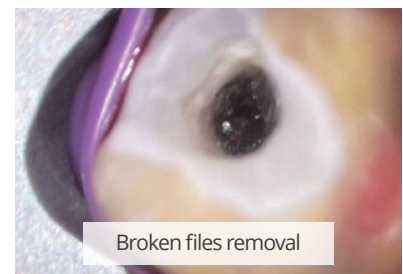
Clinical Application Scenarios



Missed canals inspection



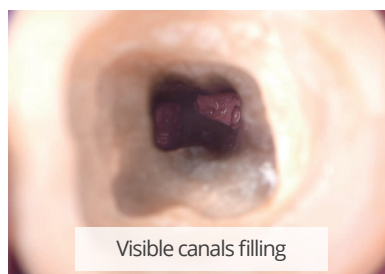
Calcified canals removal



Broken files removal



Cracked tooth inspection



Visible canals filling



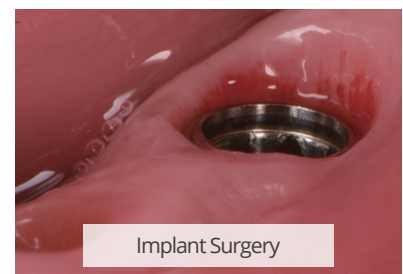
Aesthetic restoration



Endodontic Surgery



Periodontal Surgery



Implant Surgery

Worldwide Users
Stay With Us



Specifications

Dental Surgical Microscope	Classic	Pro
Zooming Magnification 3.4x-20.4x	●	●
180° Tilttable Binocular with PD Adjustment	●	●
12.5 x Wide-Field Eyepieces, Diopter Adjustable of Eyepiece ± 7 D	●	●
IPD 52 mm - 75 mm	●	●
Multi-Function Knob	●	●
Information Display	●	●
Illumination Intensity > 100000 lx	●	●
Built-in LED	●	●
Zoom light aperture	●	●
Objectives	Classic	Pro
Varifocal 270, F=190 mm - 460 mm	●	●
Dust Cap for Objective Lens	●	●
Functions/Filters	Classic	Pro
Orange Filter & Green Filter	●	●
Fluorescence Mode	opt.	opt.
APO Design	●	●
Digits	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	○	●
Mounting System	Classic	Pro
Floor Mount, Ceiling Mount, Wall Mount, Desktop	●	●
Accessories	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)	○	○
Balance Arm	Classic	Pro
Superb Balance Arm	●	●



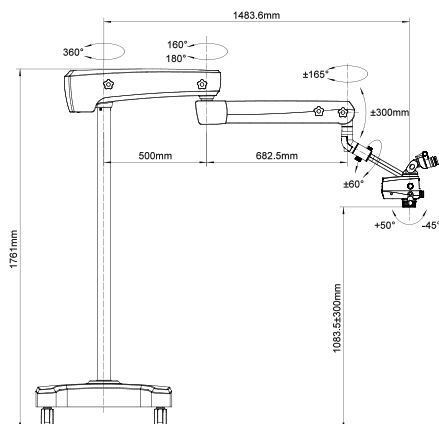
Classic



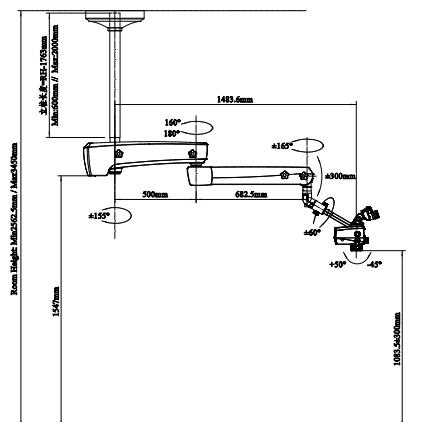
Pro

Suspension System Options

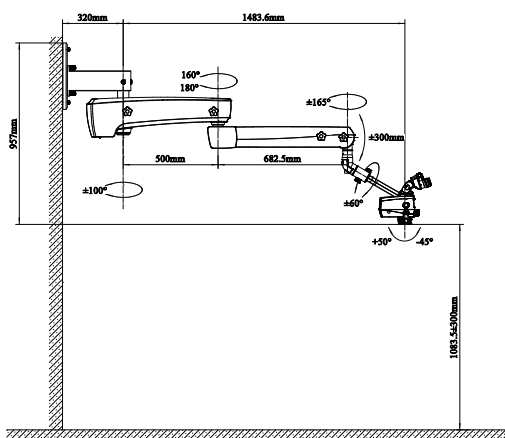
Floor mount



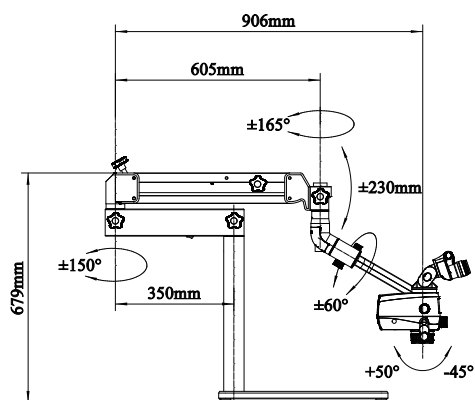
Ceiling mount



Wall mount



Desktop



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