

OMS2000

Dental Microscope

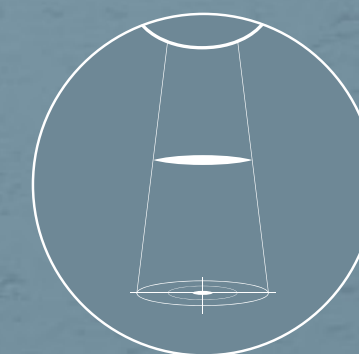




Excellency optic performance

ZUMAX OMS2000 surgical microscope has a high quality coating and excellent compound achromatic optics lens with a large depth of field and high definition, allowing fine structures to be clearly visible.

High quality examination and treatment results for doctors and patients.



F=210~460mm



5-step manual magnification



High definition

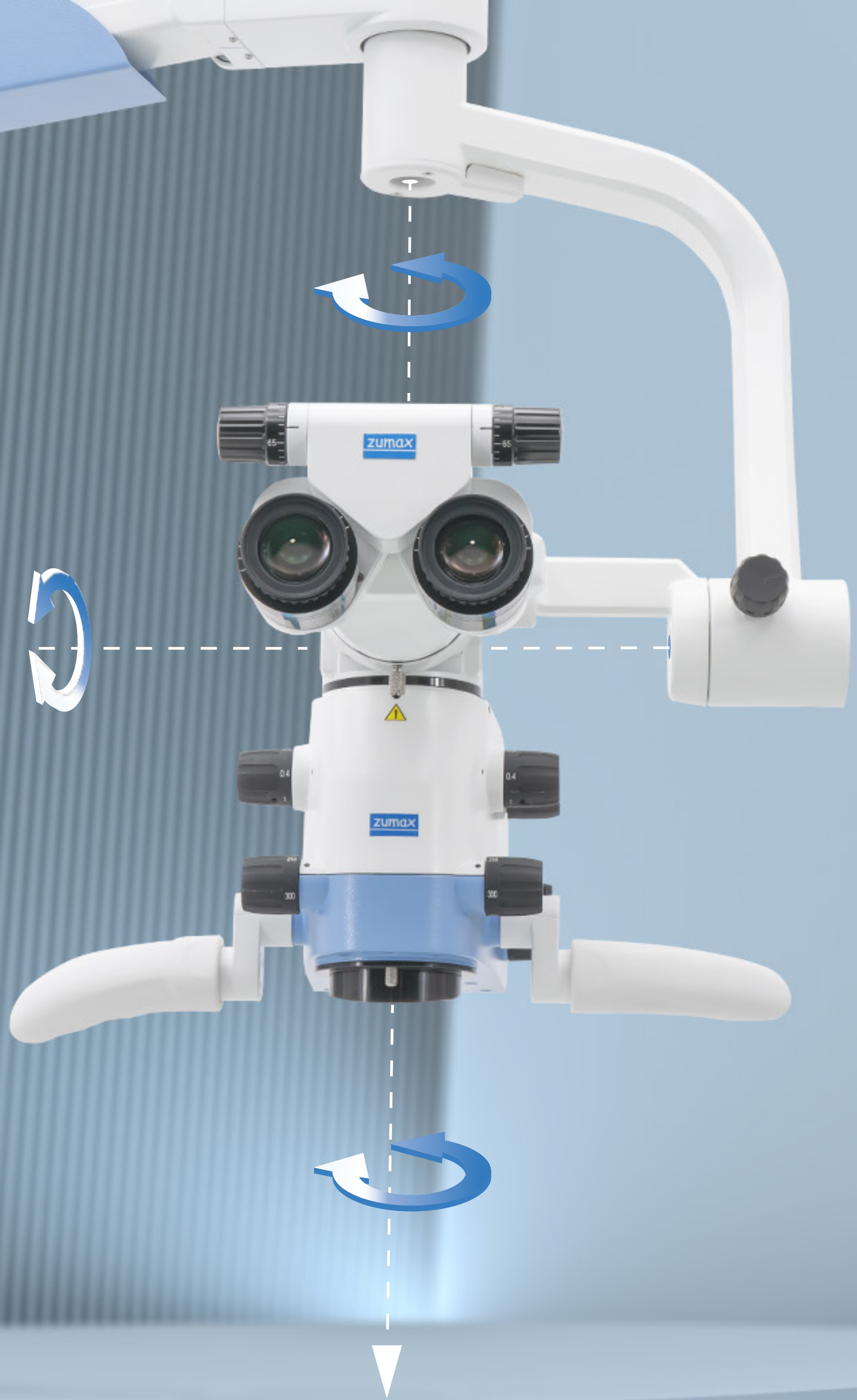
Pendulum Pro

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



Pendulum angle 22 degrees left

Pendulum angle 22 degrees right

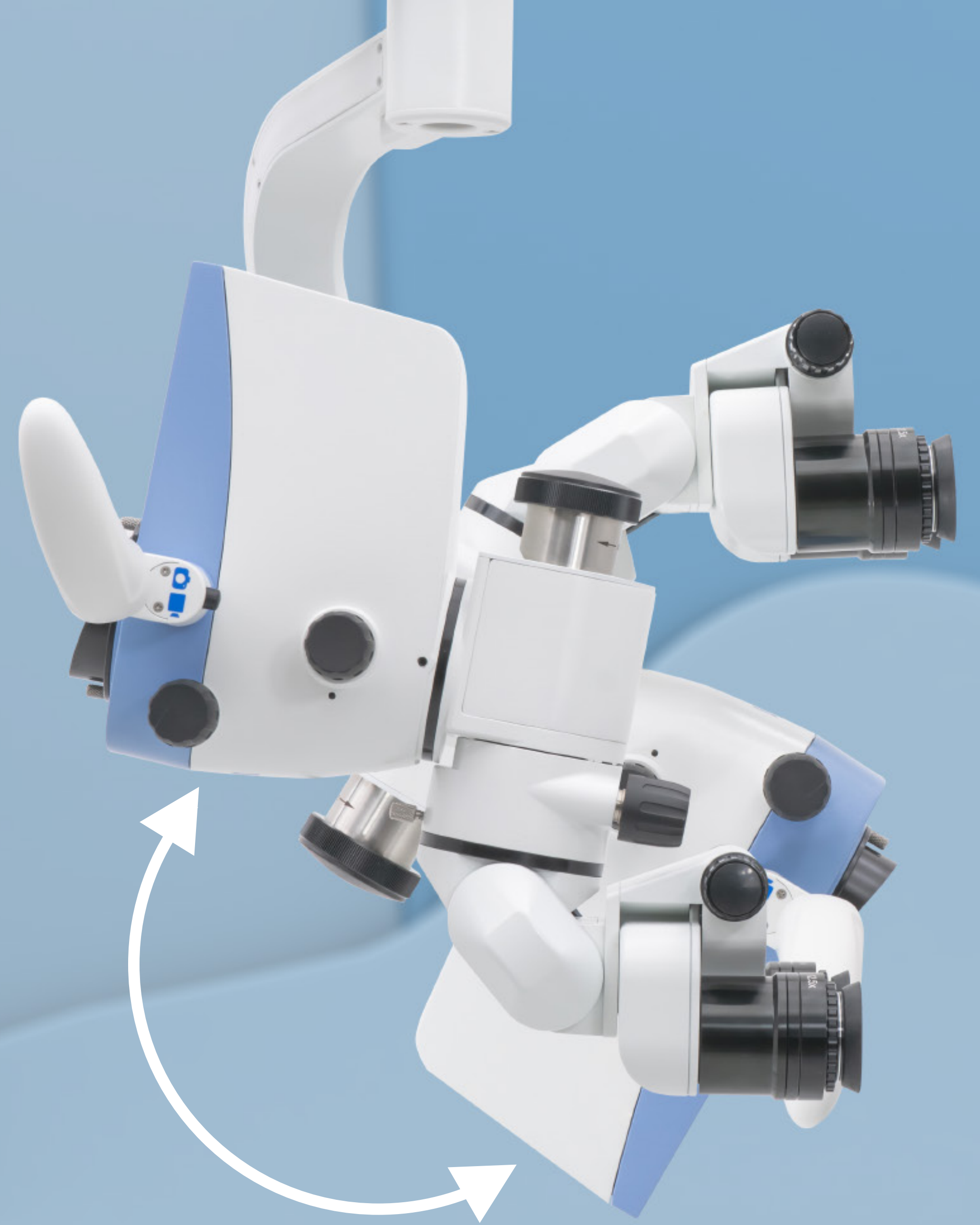


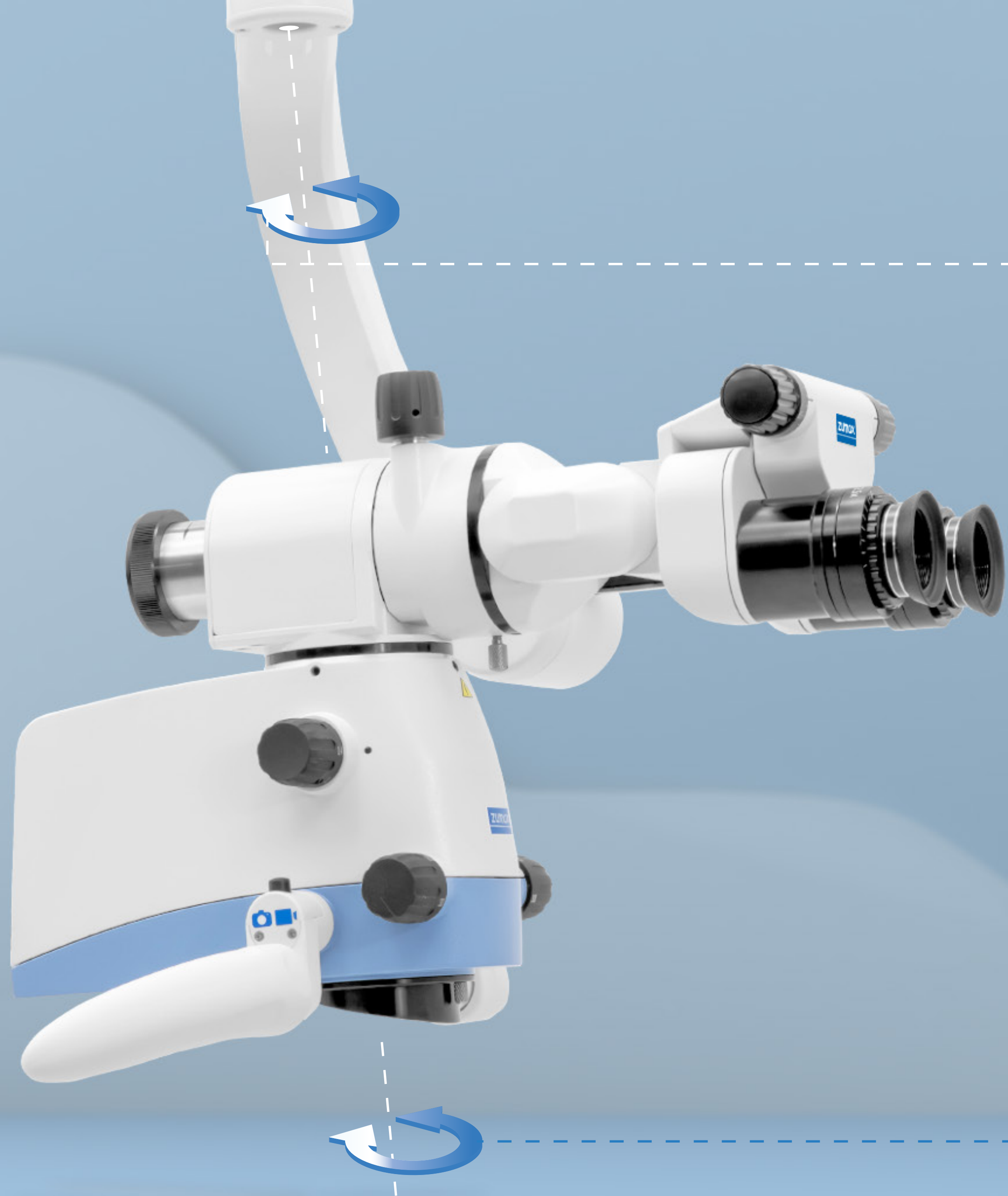
ViewPivot arm

Easier operation and more efficient working

Lens tilt damping adjustment design

Front swing angle 45°
Rear swing angle 100°

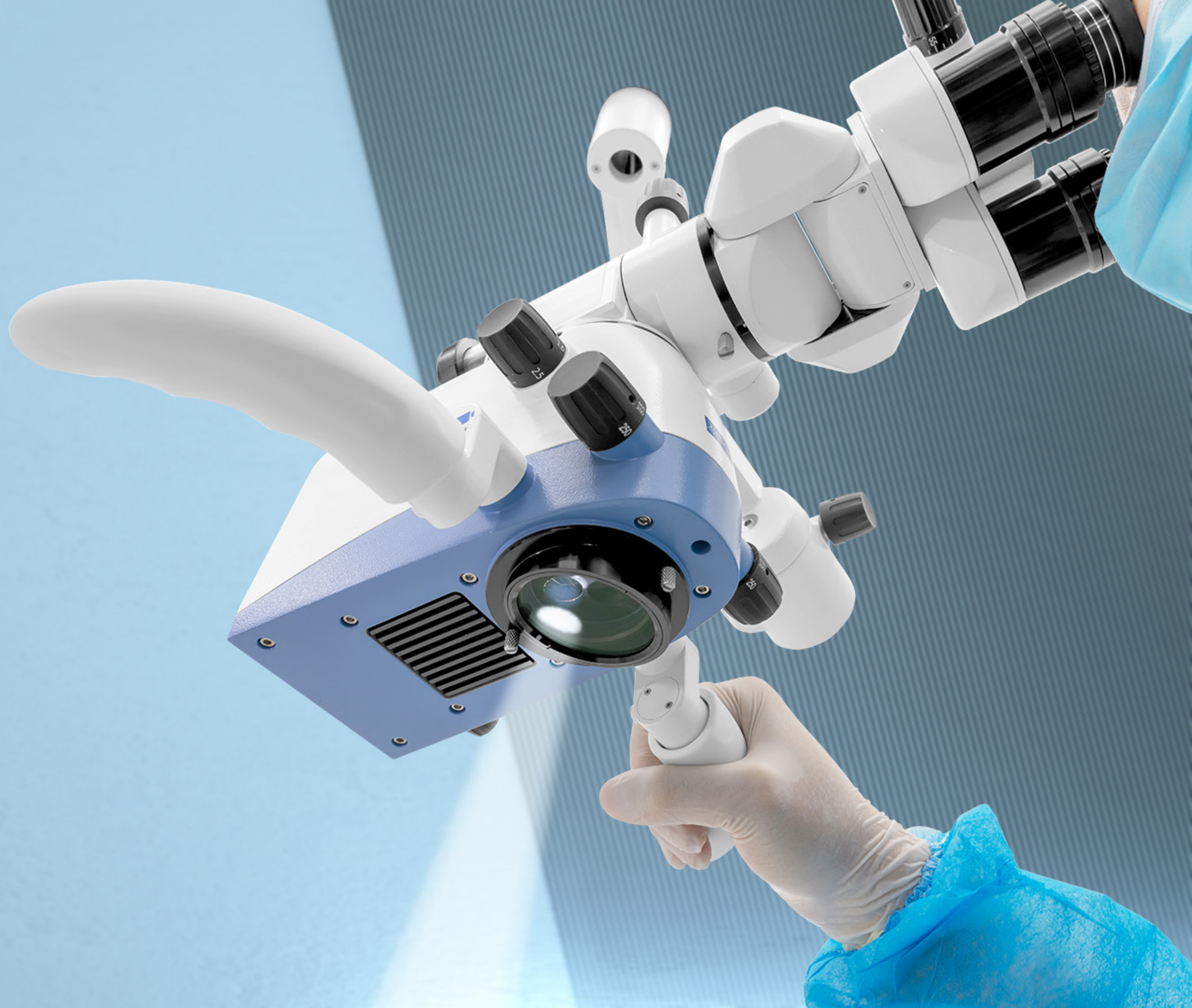


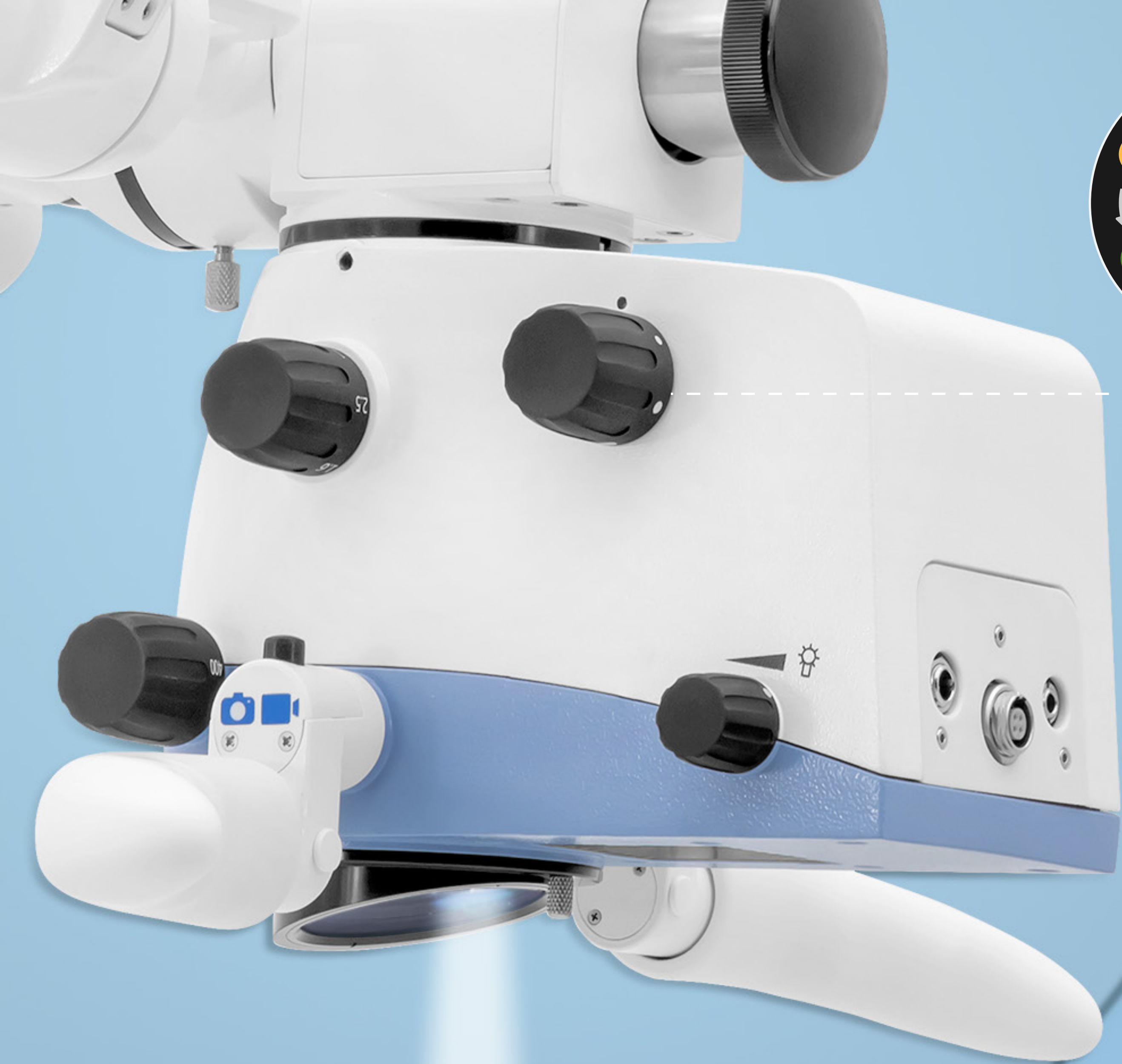


As the lens rotates around the balance arm rotation axis, the optical axis and the balance arm rotation axis remain coincident.
Horizontal plane Rotate 350 °

Illumination system

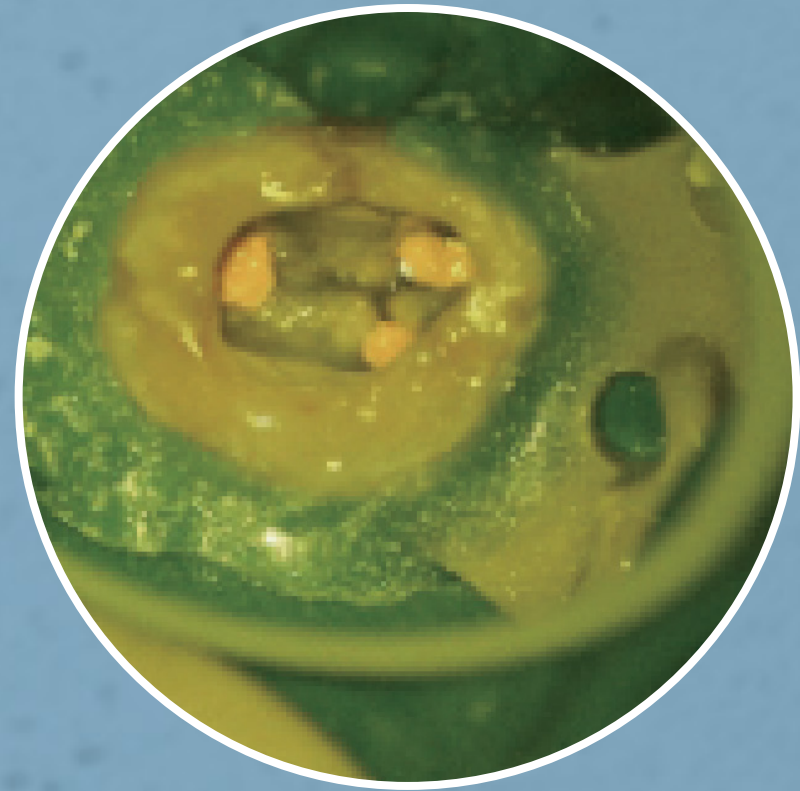
High quality medical LED modules with low power consumption and high lifetime for excellent durability and reliability



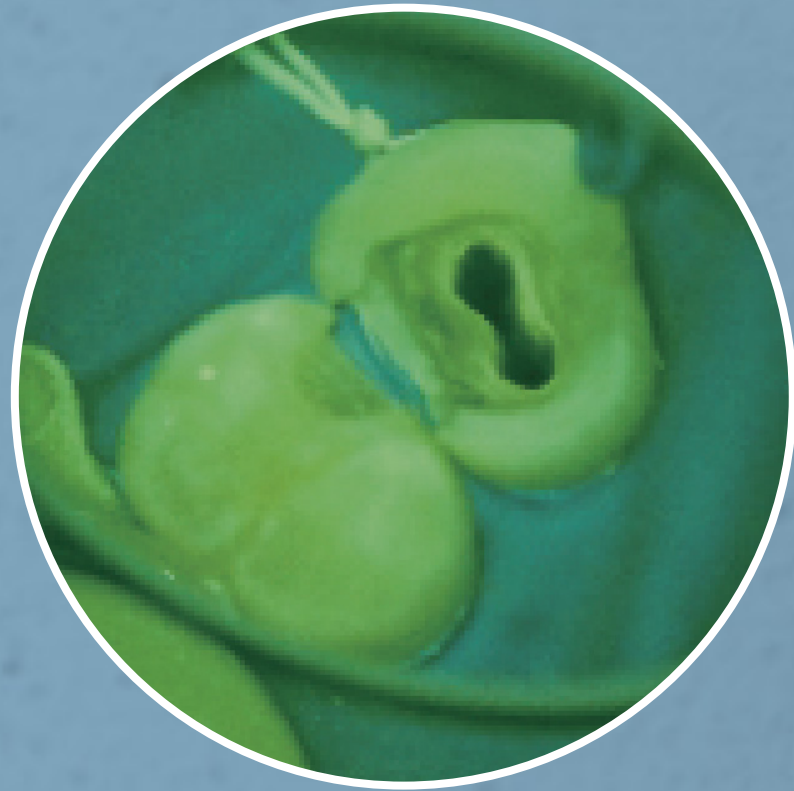


Adjustable light spots with integrated filters

The adjustable spot design has four adjustable spot sizes, allowing you to choose the right spot size for the affected area, in addition to two filters, yellow and green, which can be adjusted for use by the doctor.



Yellow spot



Green spot

Yellow spot

Prevents the resin material from curing too quickly when used, extending the operating time

Green spot

See tiny neurovascular vessels in the surgical environment





Digital visualisation, 4K definition visualisation (optional)

The OMS2000 offers an external 4K video module as optional configuration that provides four times the image quality compared to traditional FULL HD video, allowing you to connect to a 4K TV/monitor via the HDMI output to show your patient's case data in 4K definition.



External Camera Adapter (optional)

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

(Adaptable to major camera brands, Iphone and some brands android phones)



Technical Parameter

Optical Parameters:

Magnification System: 5-step manual magnification changer
 $\gamma=0.4x, 0.6x, 1x, 1.6x, 2.5x$

Working Distance:

Variable Working Distance 210 mm ~460 mm

Binocular Tubes

0°-180°Inclinable Binocular Tube

PD Adjustment Range

55 mm ~ 75 mm