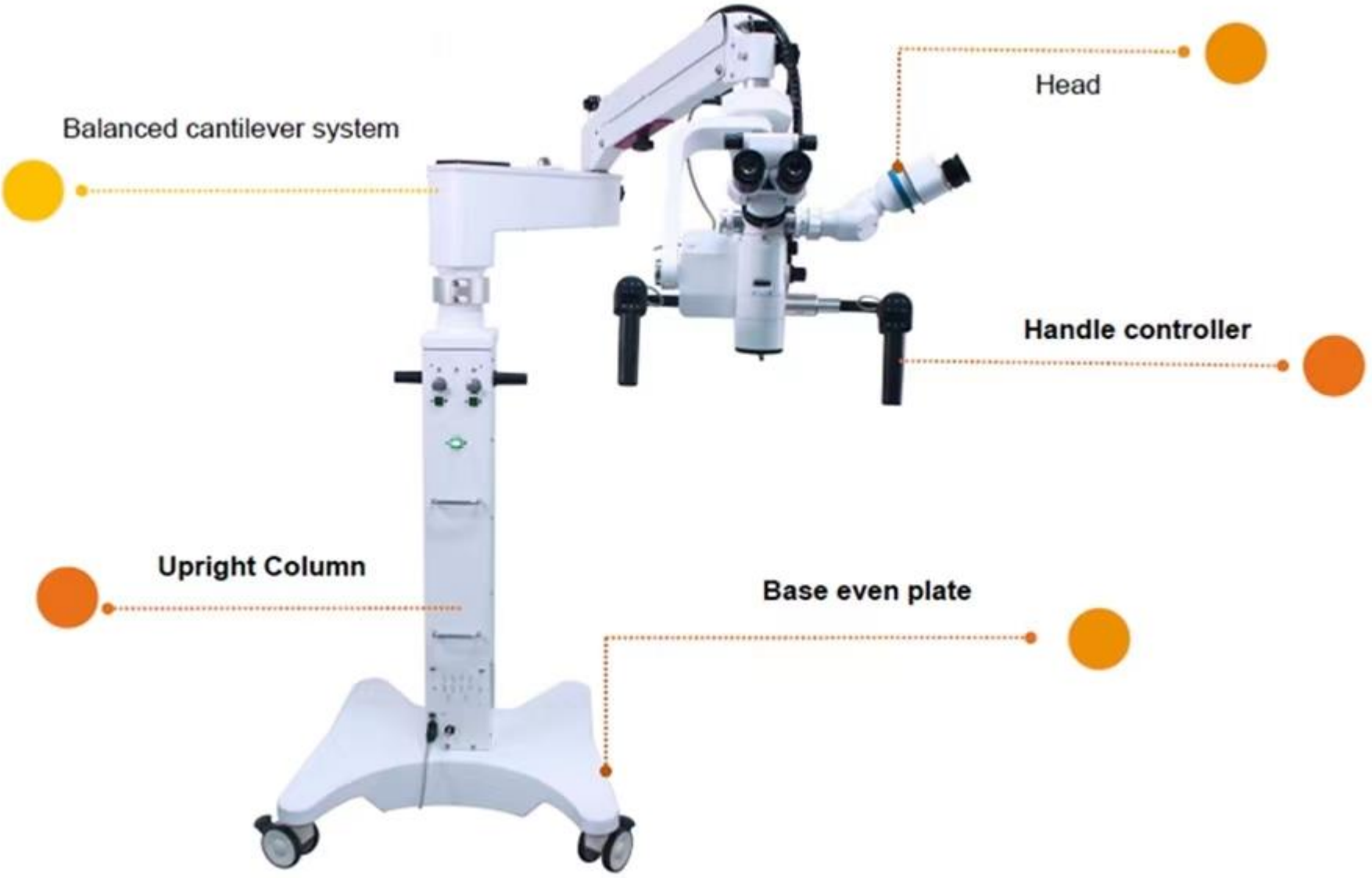
ALLTION®

ASOM-5-E



ALLTION®

6 magnetic lockings
control by handle

2 sets 300W &300W
xenon lamps

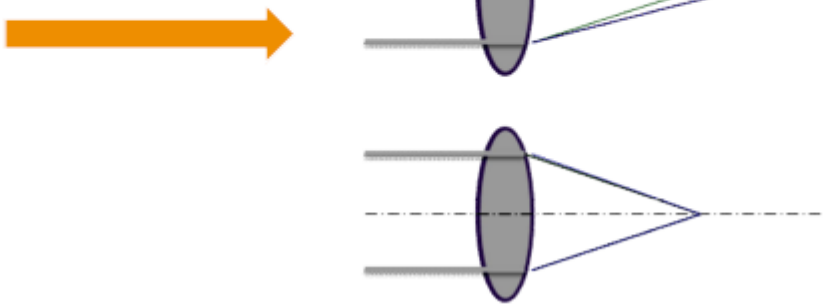
ALLTION®

Multilayer coating technology, the light transmittance is up to 98%

Through multilayer coating technology, we can reduce light reflection attenuation, increase light transmission and improve brightness. The multilayer coating technology we use can achieve optical energy passing rate of 98%.

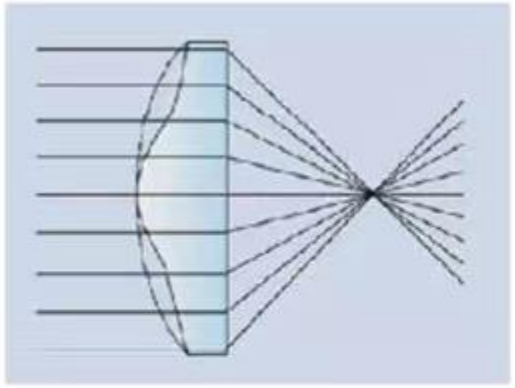
Complex achromatic objective lens

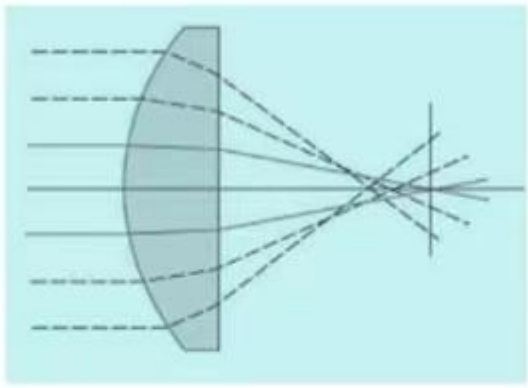
Optical design of apochromatic correction can not only red green and blue three colors. Can correct the aberration of red, blue two color lights. Improve image resolution, contrast and depth of field



ALLTION®

Aspheric lighting technology, better light gathering effect





The spherical illumination can not refract the light to the same surface, and cause the light to be more dispersed on the surface. The aspheric technology can increase the concentration effect and improve the brightness.

12.5X high point eyepiece

The unique design of the optical system, convenient for doctors with glasses.

ALLTION®

Neurosurgery、ENT、 Brain surgery、Spine

Eyepieces

magnification 12.5x, pupil distance adjustable range 55mm~75mm, diopter adjustment range +6D ~ -6D.

Binocular tube

0° ~200° variable angle binocular tube, add new pupil distance adjustment

Magnification

6:1 zoom, motorized continuous, magnification 1.8x~21x; field of view Φ13~Φ110mm

Coaxial assistant's binocular tube

Free-rotatable assistant stereoscope, all direction circumvolve freely, magnification 3x~16x; field of view Φ12~Φ74mm

Illumination

300w &300 W xenon lamp , each lillumination intensity 100000lux

Focusing

Motorized 200-500mm

Stand system

electromagnetic brakes

Filiter

Yellow filter, Green filter, small spot

Maximum length of arm

1594mm

New stand

Height from objective to floor 710mm<H<1305mm

Handle controller

10 functions (zoom, focusing, magnetic lock, take vedio/photo,browse pictures ,autofocus, brightness adjust)

Weight

215kg

Camera system

Build-in camera system, can take vedio/photo, browse pictures

Atutofocus function