



The **Zeiss OPMI VISU 160** is an ophthalmic surgical microscope. The VISU series comes on the Zeiss S7 floor stand making it more compact when not in use. The VISU 160 has a slit illumination which offers rich contrast making it easier to see during surgeries. The Microscope comes with two sets of eyepieces for both the surgeon and an assistant.

The Zeiss VISU 160 can be tailored to each surgeon's needs with DeepView functions with deep field management, BrightFlex illumination with 2° and fading 6° illumination, and ergonomically designed handles for precision adjustments.

## Features

- Surgical microscope designed specifically for hospitals that perform a broad spectrum of ophthalmology procedures.
- Apochromatically corrected optics.
- DeepView depth of field management system allows doctors to choose between optimized depth perception or maximum light transmission.
- Integrated slit simulation offers a contrast-rich detail recognition.
- BrightFlex illumination for a clear red reflex and good light conditions.
- Ergonomic handgrips for precise positioning.
- Easily adjust the speed of the zoom, focus, and X-Y movements to your requirements.



# Specifications

## **Surgical Microscope**

Apochromatic optics with T\* anti-reflex multi-coating  
Motorized zoom system. Zoom ratio 1:6,  $\gamma=0.4$  to 2.4  
Focusing range: 50 mm  
DeepView: Depth of field management system

## **X-Y Coupling**

Adjustment range 40 mm x 40 mm

## **Illumination**

BrightFlex™ illumination: • 6° illumination, continuous fading; • +2° illumination for red reflex  
Integrated slit illumination  
Vertical: width 2.5 mm  
Horizontal: width 2.5 mm and 5 mm, movable  
Integrated 408 nm UV cut-off filter  
Swing-in GG475 filter to reduce blue portion  
Swing-in KK40 daylight filter in suspension system  
Scleral glare reduction filter  
Fiber light guide  
Halogen light source (12 V, 100 W)  
Automatic exchange following bulb failure  
Optional: swing-in fluorescence filter in suspension system

## **Optical systems**

Objective lens (mm) f=200 mm f=175 mm f=200 mm f=175 mm  
Eyepiece 10x 10x 12.5x 12.5x  
Total magnification\* 3.4x – 20.4x 3.9x – 23.3x 4.3x – 25.5x 4.9x – 29.1x  
Field of view diameter\* 10.0 mm – 60.6 mm 8.8 mm – 53.0 mm 8.6 mm – 51.8 mm 7.5 mm – 45.3 mm

## **Suspension systems**

S7 / OPMI VISU 160 floorstand  
S7 / OPMI VISU 160 ceiling mount with lifting column  
S7 / OPMI VISU 160 ceiling mount with rigid column