



The **Zeiss OPMI Pentero C** is a ceiling mounted surgical microscope. Its fixed yet flexible position promotes procedural reproducibility enhancing the surgical workflow. It's sleek and compact with internally routed cables that reduce equipment cleaning time for rapid OR turnaround for subsequent procedures. The OPMI Pentero C has Infrared 800 and Blue 400 completely integrated into the microscope so there are no need for additional system components that could obstruct the workflow.

Features

- Ceiling mount.
- Easy maneuverability.
- Sleek and compact design.
- Internally routed cables to reduce cleaning time.
- Integrated INFRARED 800 and BLUE 400 fluorescence methods.
- Integrated DICOM module.
- Integrated digital video chain.



Specifications

Dimensions

Height: 36" (93 cm)
Width: 32" (83.5 cm)
Depth: 102.4" (260 cm)
Weight: 727.5 lbs (330 kg)

Apochromatic Optics

Motorized focus: Varioskop with working distance 200 – 500 mm
Motorized zoom: 1:6 zoom ratio
Autofocus: 2 visible laser dots, automatic mode with magnetic brakes
10x magnetic widefield eyepieces with integrated eyecups

Illumination

Light Source: Superlux 330 light source with 2 x 300 W xenon
Automatic Iris Control for adjusting the illumination to the field of view
Individual light threshold setting
Display of remaining lamp life time

System Operation

Multifunctional programmable handgrips
Magnetic clutches for all system axes
Central user interface
XY robotic movement in 3 axes (variable speed)

Video

15" video touchscreen
Integrated 3-CCD SD video camera
Integrated video still image capturing on
HDD and USB-media

Intraoperative Fluorescence

BLUE 400
INFRARED 800

Connectivity / Data Management

DICOM module for patient data transfer from/to PACS

