



The **Zeiss OPMI Pentero 900** surgical microscope combines exceptional design concepts and new functionalities to create a fully integrated platform. Where key functionality has been enhanced and new visualizations methods have been integrated, bringing the Pentero 900 to a new level of performance. The microscope comes with state-of-the-art optics - providing detailed, natural color and crystal clear images. Not only can you view the images through the eyepieces but it can also be seen on an integrated HD touchscreen display. The OPMI Pentero 900 microscope system comes with an integrated HD video chain - camera, recorder, editor and monitor, there is no need for external components. The HD video system can be configured and controlled via the central HD touchscreen, handgrip or foot switch for maximum flexibility and surgical performance.

Features

- Varioskop, Apochromatic 200-500mm working distance
- Laser Autofocus
- Multi-Vision with Image Overlay and Data Display
- Superlux 330 with dual 300W Xenon illumination
- Auto Balance via push button
- Auto Vacuum Drape
- Integrated High Definition Video Camera, Recording and Editing
- On-Board High Definition Monitor for Video Streaming or Touchscreen User Interface
- Supports Navigation, Infrared 800, Flow 800, Blue 400, Yellow 560
- LAN and DICOM interface



Specifications

Rated Voltage	(115V): 100 V - 125 V (230 v0): 220 V - 240 V
Current Consumption	Max. 1.200 VA
Rated Frequency	50 Hz - 60 Hz
Weight	Weight apron: 358 kg weight of system incl. transport container: apron. 610 kg
Apochromatic Optics	Motorized focus; Varioskop® with working distance 200 – 500 mm Motorized zoom; 1:6 zoom ratio 10x magnetic widefield eyepieces with integrated eyecups Autofocus with 2 visible laser dots, automatic mode with magnetic brakes
Illumination	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 Focus Light Link: working distance controlled light intensity 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	22" HD video touchscreen on extendable arm Integrated 3-CMOS SD video camera Integrated video still image capturing on HDD and USB-media

