



The **Zeiss Opmi Neuro/NC4 Surgical Microscope** system combines exceptional optics with ergonomic innovations, making it the ideal microscope for today's neurological surgery suite.

An optical system that delivers incredible, breathtaking images and brilliant illumination is only a portion of what constitutes an outstanding microscope system. The optics, mechanics, and electronics were designed in one complete package. This neuro spine microscope was the first Zeiss microscope to support neuro-navigational systems.

## Features

- Microscope produces razor-sharp images with an unprecedented level of detail for improved surgical workflow.
- Entire optical system now features apochromatic coatings, ensuring outstanding color fidelity free of distortions.
- One microscope for every image guided platform: BrainLAB, CBYON, Medtronic SNT, Radionics, Visualization Technology, and more.
- Unique AutoFocus technology allows clinicians to quickly produce perfect images every time.
- Versatile microscope was designed to accommodate virtually any neurological surgery setup.
- Ergonomic controls were designed with the user in mind.
- Handgrips can be used to control every major microscope function without the need of a surgical assistant.
- Unobtrusive handgrips are mounted below the OPMI, allowing clinicians to easily pass instruments in and out of the surgical field.
- The entire handgrip can be adjusted under the surgical drape and can be rotated 180 degrees for easy access.
- Both binoculars can be easily rotated for cross-table procedures.
- Optional — multi-function foot-control panel permits ergonomic control of all of the microscope's functions, (i.e. zoom, focus, and AutoFocus) with one foot.



## Specifications

### **OPMI Neuro Magnification System**

Motorized Zoom, 1:6 Ratio  
Adjustable via handgrips or foot control panel

### **Focus System**

Internal, motorized, continuously variable  
Adjustable via handgrips or foot control panel  
Automatic adjustment of the working distance with laser range-finder  
AutoFocus

### **Work Range**

200 - 420 mm

### **Main Binocular Tube**

Inclinable 0-180° with 10X/21B eyepieces

### **NC 4 STAND**

Line Voltage: 115/230V  $\pm$  10%  
Line Frequency: 50 - 60 Hz  
Power Consumption: 100 VA  
Line Protection: Automatic Circuit Breaker  
Weight: Approx. 285 kg (Complete with OPMI)

### **Superlux 301 Light Source**

Main Illumination: 300 w Xenon daylight color temperature lamp delivered via fiber-optic light guide.  
Flash System: Synchronized Camera Flash system activated via handgrips, two second repetition intervals  
Backup Illumination: 12 V 100W Halogen light Source