OPMI® pico
Less is more
OPMI pico. Perfection in optics, technology and application.

A tilt coupling allows an optimal configuration of the OPMI pico in the various situations required for surgery.

The following images show the OPMI pico in the Posterior Fossa (top) and the common cranial (semi-seated, below) positions.

Four eyes see more than two. Optional stereo coobservation.
The OPMI pico offers the neurosurgeon a powerful, easy to use and expandable platform.

The benefits of the system are:

- Easy handling in a reliable package
- Brilliant, apochromatic optics with a 5-step magnification changer
- Flexible and comfortable positioning for the surgeon in all situations thanks to the inclinable 180° binocular tube
- Coaxial illumination with an integrated backup lamp ensures optimal lighting in all procedures
- Optional stereo coobservation tube attaches to the right or left using a beam splitter
- Various objective lenses, also with fine focus function, provide the correct working distance for the procedure being performed
- Three sturdy cases for easy, safe transportation

Technical Data

S100 Floor Stand
ca. 90 kg

S100 Ceiling Mount
ca. 55 kg

S100 Wall Mount
ca. 45 kg
OPMI® pico

Magnification
Manual magnification changer, 1:6
5 steps 0.4/0.6/1.0/1.6/2.5
Apochromatic Optics

Objective Lenses
200, 250, 300, 350, 400 mm
Fine focus objective lenses:
200, 250, 300 mm

Main Binocular Tube
Inclinable 0-180° with
10x/21B eyepieces

S100 Floor stand/
Ceiling mount/Wall mount

Illumination and Backup
Illumination
12 V/100 W halogen illumination
with 2 halogen reflector lamps
or
12V/180W xenon illumination
with 2 xenon lamps

Line Voltage
115/230 V ±10 %

Line Frequency
50-60 Hz

Power Consumption
Halogen illumination
115 VAC max. 2.0 A
230 VAC max. 1.0 A

Xenon Illumination
115 VAC max. 5.0 A
230 VAC max. 2.5 A

Line Protection
Automatic Circuit Breaker
The optionally integratable 1CCD video camera MediLive® Primo is the surgeon’s guarantee of effective patient education and outstanding image documentation. With the Digital Interface (option) videos can be easily captured and still images stored.
The amazing line of microscope systems for neurosurgery and spinal surgery from Carl Zeiss:

1. OPMI pico/S 100 System
2. OPMI Vario/S 88 System
3. OPMI Pentero® C
4. OPMI Pentero
5. EyeMag® Loupes

For information, please contact: