

## LED 2 SC – Small OR-Lamp

Let the latest LED technology and the lamps innovative features facilitate your daily working needs. This versatile lamp can be used for examinations and minor surgeries.

### Characteristics

The lamp's functions (merging of luminous fields, electronic light intensity control, illumination in depth, endo-light) can be controlled at the lamp head or with the sterilizable handle.

A multitude of computer-calculated faceted lenses guarantee homogeneity in the light field.

With colour rendering indexes  $R_a = 96$  and  $R_9 > 90$  you will readily recognize the tiniest nuances of colour in tissue, especially for the colours red and yellow. The colour spectrum of the wound is rendered naturally with rich contrast. This OR-light provides a welcome relief for the eyes. The exact rendition of the colour red was emphasized.  $R_9 > 90$  means for the surgeon a visibly better recognition of details.

By using LED technology the heat radiation is reduced to a minimum without using any expensive filter technique. The temperature increase in the surgeon's head as well as wound area is almost non-existent. Thus tissue will never dry out again from the OR light.

The integrated laser pointer always indicates the middle of the light field and helps the surgeon to optimally align the lamp to the wound area.

### Technical Data

**Scope of Delivery:** Lamp with Sterilizable Handle, Power Unit, Portegra2 Extension and Spring Arm

- Light intensity at 1 meter distance: 100,000 lux
- Colour rendering index R(a) at 4500 Kelvin: 95
- Focusable light field size: 140 – 280 mm
- Colour temperature: 4500 Kelvin
- Electronic light intensity control: 50 – 100 % Dimming
- Power consumption: 30 VA
- Number of LED's: 21
- Lifespan of the LED's: > 40,000 h
- Working distance: 60 – 150 cm
- Height adjustment: 117 cm
- Diameter of lamp head: 49 cm



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## Accessories

### Sterilizable handl

The advantages of LED technology: a life time of at least 40,000 operating hours and a hardly noticeable generation of heat – in the area of the head of the surgeon as well as the wound area. The advantages of the previous technology of halogen lamps used by Dr. Mach remain: natural colour rendition, homogeneous light field and easy positioning of the lamp.

### Compatible with:

- Ceiling Suspended Angiography System: Artis zee, Artis Q, Artis Q.zen
- Floor Mounted Angiography System: Artis zee, Artis Q, Artis Q.zen
- Biplane Angiography System: Artis zee, Artis Q, Artis Q.zen
- Artis zeego
- Artis zee MP



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