

# Visalis™ 100

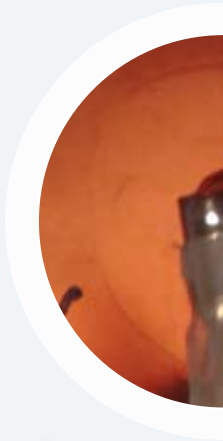
**Reliability in  
cataract surgery**



# Visalis 100

## Great value in cataract surgery

With Visalis 100, Carl Zeiss Meditec introduces a durable, predictable and safe phaco system for cataract surgery. Easy, straightforward operation combined with superior ergonomics make Visalis 100 a highly convenient tool to work with. As an integral element of the ZEISS value chain for cataract surgery, Visalis 100 offers clinicians solid returns in reliability and efficiency for predictable surgical and visual outcomes.



**ZEISS quality in cataract surgery**

*OPMI Lumera® i red reflex technology meets  
the phaco efficiency of Visalis 100*

**Lens removal with methodical accuracy**

Visalis 100 is a highly reliable and stable phaco system, allowing cataract specialists to operate with thorough efficiency and meticulous precision. Its solid performance is the result of the system's premium quality design, including:

- Adaptive Power Control (APC) for predictable surgical and visual outcomes
- Surge Security System to stabilize the anterior chamber
- Fully closed system with no internal tubings for maximum sterility





### **Safety as a top priority**

Designed for maximum patient safety, Visalis 100 features a completely closed design. There is no internal tubing requiring cleaning, thus eliminating the risk of cross-contamination while increasing the predictability of outcomes. The system's Adaptive Power Control (APC) provides additional safety by delivering surgeons the minimal power necessary during the procedure. The stroke is measured and stabilized by the microprocessor.



*Foot control panel functions are clearly structured*



### Supporting you every step of the way

Visalis 100 offers excellent usability. Its intuitive graphic user interface with large display, touch-driven control and voice confirmation lets you easily adjust the system. Built for superior handling, Visalis 100 fully supports MICS techniques.

### Taking care of business

Thanks to its reliability and stability, the system's servicing and maintenance requirements are very low. What's more, with its compact, lightweight design and small footprint, Visalis 100 requires very little space – qualities that are quite convenient for restricted space in the OR and when needing to transport the system to multiple locations.



# Technical data

## Visalis 100

### Dimensions

Height: 193 mm, width: 400 mm, depth: 405 mm

### Weight

13.0 kg

### Irrigation

- Gravity fed fluid delivery; eye pressure determined by height of irrigation source
- Solenoid valving element

### Suction

- Peristaltic aspiration pump
- 5 to 500 mg HG vacuum range
- Flow rate from 2 to 50 cc/min
- 0.5 to 12 s aspiration rise time

### Phacoemulsification

- Piezoelectric handpiece with approx. 40 kHz
- Panel or linear control of U/S power with system footswitch

### Vitrectomy

- Adjustable cutting speed from 60 to 700 cuts per minute
- Single mode cut available

### Diathermy

- Adjustable bipolar power from 5 to 100%
- Linear control with system footswitch



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