



**Visalis 100 from ZEISS**  
Experience the difference



We make it visible.



**Test it!**

Before making an important decision, it is always a good idea to test your options first. After all, nothing beats firsthand experience. That's important whether you're looking for a new car...

## Visalis 100 from ZEISS – Release 2.0

Experience phaco efficiency

...or for a new phaco machine. After experiencing the release 2.0 of the Visalis® 100 from ZEISS, surgeons provided exciting feedback on phaco efficiency:

# 95 %

of cases showed outstanding followability\*

# 100 %

experienced superior chamber stability\*

# 98 %

of hard cataract cases confirmed extremely good ultrasound performance\*

The ZEISS Visalis 100 is unique in its class and provides everything you need and more than you would expect! ZEISS quality in phaco technology that you simply have to test to...

**...experience the difference.**



\* Data on file

# Experience unique features for your patients...



## **Capturing followability\***

Its capturing followability attracts and continuously engages nucleus fragments on the phaco tip.

## **Balanced stroke – Adaptive Power Control**

Microprocessor controls, measures and stabilizes the tip stroke intraoperatively, resulting in potentially less stress for your patient's eye.

## **Surge Security System**

Intended to maintain chamber stability at occlusion break thereby minimizing risk of surge.

## **Minimize energy – new pulse modes**

New pulse modes allow you adjust the on time according to your needs and thereby minimize the energy applied to the patient's eye.

## **Minimal induced astigmatism – CO-MICS capabilities**

Unique in its class, the ZEISS Visalis 100 enables a 1.8 mm incision. As described in the literature, MICS reduces surgically induced astigmatism, increases patient comfort and accelerates wound healing.

## **Unique pneumatic guillotine cutter**

The ZEISS Visalis 100 is the only system in its class with a pneumatic guillotine cutter that includes an integrated quiet compressor – a unique feature sharply focused on your patient's eye.

\* Data on file

... and usability and cost-effectiveness for you!

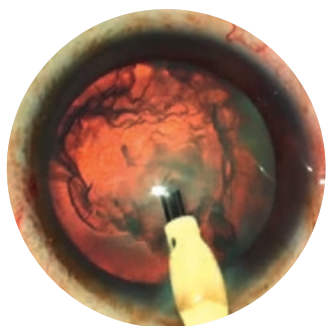


**Total control – aspiration rise time setting**

Keep control of aspiration and vacuum with the new peristaltic pump and aspiration rise time setting that provides a venturi-like effect.

**Low running costs – durability, reusability**

ZEISS stands for high quality products that are engineered for long-term use. This, together with the wide variety of reusable accessories, ensures that the ZEISS Visalis 100 is tailored to meet the economic needs of your practice.



**Excellent usability –**

**user interface, footswitch and prime options**

Intuitive handling; new graphical user interface; new prime options; and a new, more ergonomic footswitch with simultaneous linear control of aspiration and ultrasound. A difference in usability you'll experience every day!

**A winning team – combine with OPMI 1 FR pro**

Combine the Visalis 100 with the OPMI® 1 FR pro surgical microscope from ZEISS and get proven ZEISS optics with a clear, brilliant and high-contrast image together with a unique phaco system – a winning team for cataract surgery.

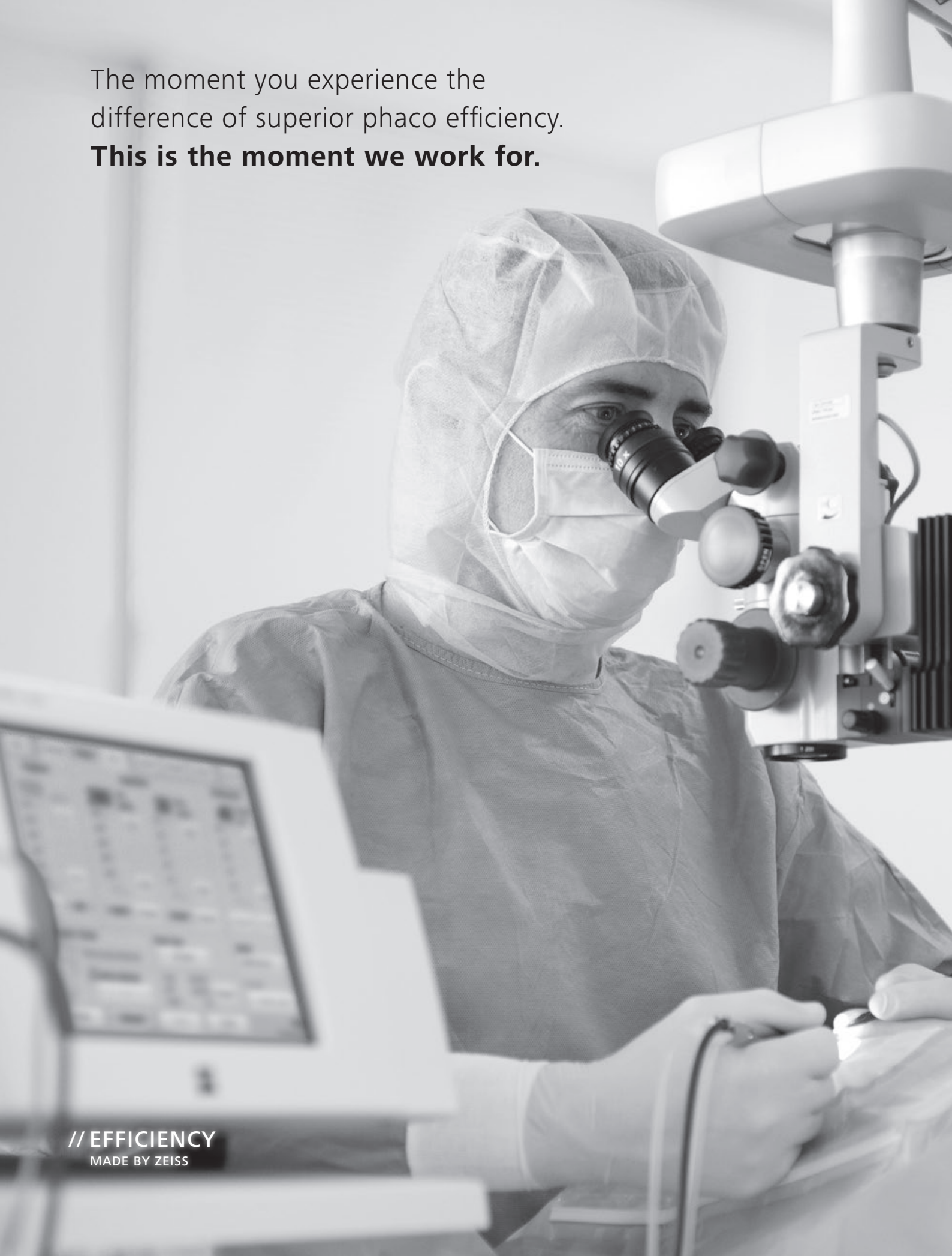
*ZEISS quality in cataract surgery – ZEISS OPMI 1 FR pro red reflex technology meets the phaco efficiency of ZEISS Visalis 100*

# Technical Data

## Visalis 100 from ZEISS

<b>Dimensions</b>	Height: 205 mm, width: 400 mm, depth: 405 mm
<b>Weight</b>	12.5 kg
<b>Irrigation</b>	Gravity fed fluid delivery; eye pressure determined by height of irrigation source Solenoid valving element
<b>Aspiration</b>	Peristaltic pump 5 to 500 mmHg vacuum range Flow rate from 2 to 50 cc/min Surgery mode with fixed or linear control from 0 to preset of the flow and / or vacuum level via Double Linear Footswitch II 0.5 to 12 s aspiration rise time
<b>Phacoemulsification</b>	4 Piezoelectric crystals handpiece with frequency approx. 40 kHz U/S mode with Continuous, Pulse, Burst and with fixed or linear control from 0 to preset U/S Timer / Timer EPT from 00:00:0 minutes to 59:59:9 minutes
<b>Vitrectomy</b>	Handpieces type with pneumatically powered guillotine cutter Cutting rate from 60 to 700 cuts per minute Actuating medium with pressurized air from integrated air compressor
<b>Diathermy</b>	Adjustable bipolar power from 9 W @ 200 $\Omega$ , 5 to 100% Linear control with Double Linear Footswitch II

The moment you experience the  
difference of superior phaco efficiency.  
**This is the moment we work for.**



// EFFICIENCY  
MADE BY ZEISS

CE 0297



**Carl Zeiss Meditec AG**  
Goeschwitzer Strasse 51–52  
07745 Jena  
Germany  
[www.meditec.zeiss.com/contacts](http://www.meditec.zeiss.com/contacts)  
[www.meditec.zeiss.com/visalis100](http://www.meditec.zeiss.com/visalis100)

**EN\_32\_010\_00301** Printed in Germany CZ-III/2014

The contents of the brochure may differ from the current status of approval of the product in your country. Not for sales in the U.S.  
Please contact our regional representative for more information. Subject to change in design and scope of delivery and as a result of ongoing technical development.  
VISALIS and OPMI are either trademarks or registered trademarks of Carl Zeiss Meditec AG.  
© Carl Zeiss Meditec AG, 2014. All copyrights reserved.