

ZEISS



The future of ophthalmic surgery

DORC EVA NEXUS combined

www.zeiss.com/eva-nexus

Seeing **beyond**

DORC EVA NEXUS combined

Performance, control and stability in vitreoretinal, cataract and combined surgery.

DORC EVA NEXUS is a highly intelligent ophthalmic surgical system that's so responsive, it unites the surgeon's intentions with the system, answering the needs of ophthalmic surgeons worldwide.

Performance

Responsive technology platform based on the unique VacuFlow VTi technology.

Control

More responsive with the fluidics and instruments designed to work together seamlessly.

Stability

Smart features designed to achieve constant IOP during vitrectomy and improved anterior chamber stability.



DORC EVA NEXUS

The future of ophthalmic surgery.

DORC EVA NEXUS combined is engineered with exceptional features and a range of innovative instruments that are specially designed to work seamlessly with the platform. So, whether you're performing retina or cataract surgery or both, DORC EVA NEXUS brings it all together.

Adjustable Monitor

Digital Overlay

Surgical parameters can be overlaid on the surgical video and utilised as a teaching tool.

BSS Management

New BSS management system, suitable for bottles and bags, with 2 step low BSS level detection warnings.

SMART IOP

Designed to provide constant intraoperative stability in the anterior and posterior segments.

Universal Cartridge

Universal cartridge for vitrectomy or phaco procedures.

Dual Infusion and Irrigation Lines

Quick switching between anterior and posterior steps for on-demand dynamic response.

LED Endoillumination

3-port tunable system with yellow tinting for increased safe exposure times.

Wireless Dual Linear Footswitch

Customizable and programmable with independent control of aspiration and cutting with integrated laser.



The innovative **DORC EVA NEXUS** platform has been built to keep pace with your ophthalmic surgical requirements today and into the future.



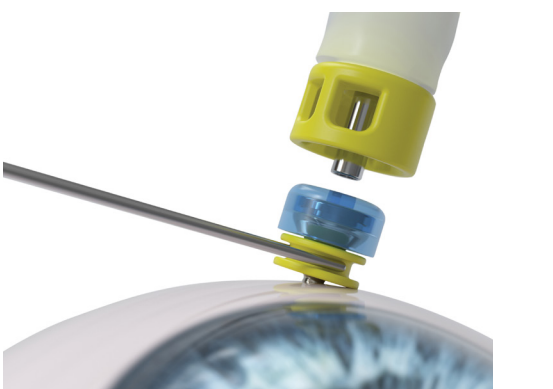
DORC EVA EQUIPHACO
Next-generation EVA phaco technology designed for anterior chamber stability and reduced effective phaco time*.



DORC TDC VELOCE
Next-generation high-speed cutter provides improved aspiration flow and increased stiffness compared to standard cutters, a cut speed of up to 20,000 CPM**, and enables SMART IOP for posterior surgery.



DORC EVA INICIO
First approved ophthalmic microinjection system designed to offer precise delivery of microinjections, with full surgeon control via footswitch.



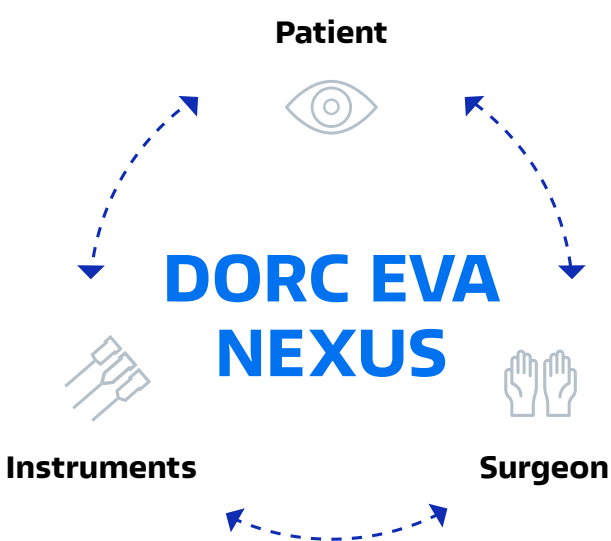
DORC EVA AVETA
Novel trocar cannula system with Push-Fit infusion connection and unique laser-etched retention feature designed for enhanced scleral retention. Hi-Flow optimizes infusion, even in 27G.

*compared to previous designs.
**The DORC EVA NEXUS output can be controlled up to a maximum frequency of 10,000 cycles per minute.
The maximum cutting speed of the pneumatic high speed vitrectome is effectively doubled to 20k CPM when a two-dimensional cutting vitrectome, like DORC TDC VELOCE is used.

DORC EVA NEXUS

Innovation for surgical excellence.

Surgeon-led innovation — that's what's behind our new ophthalmic surgical platform. Together, the advanced features, the system and each instrument are designed to optimise the entire surgical experience for you and your patient. DORC EVA NEXUS answers to surgical dynamics and elevates system performance so that you can get in, and stay in, your surgical flow.



DORC EVA NEXUS is designed to integrate fluidics, instrumentation and workflow functions.

DORC EVA NEXUS is designed to keep surgeon, system and patient synchronized, with advanced fluidics and VacuFlow VTi at its core.

- SMART IOP**
With SMART IOP enabled, DORC EVA NEXUS automatically compensates for pressure losses. It adjusts the irrigation/infusion pressure to maintain a constant IOP during surgery.
- Valve Timing Intelligence (VTi)**
The VTi pump drives smart fluidics and reduces the risk of unwanted pulsations or flow, along with next-gen active infusion to achieve constant IOP during vitrectomy.





Explore DORC EVA NEXUS consumables



Explore DORC EVA NEXUS cataract



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