

MULTI-UPGRADE SYSTEM designed to evolve with your needs

eyeflexa™ ANTERIOR – upgrade functionality as and when you need to

Anterior Basic



- Side hook
- Table top

Anterior LUX



- Side hook
- Table top
- Cart LUX



Dual-linear footswitch



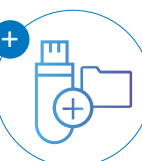
Wireless dual-linear footswitch

Unlock the power of eyeflexa™ COMBINED – all the features of anterior basic with upgradable posterior capabilities

Combined LUX



- Side hook
- Table top
- Cart LUX



Upgrade kit

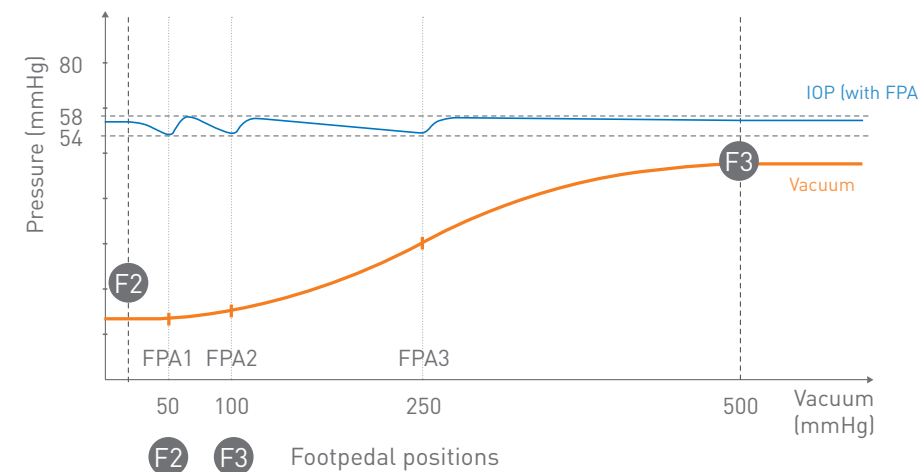


Ophthalmic LED light source



Ophthalmic green laser photocoagulator with integrated LED light

OPTIMIZED FLUIDICS for greater surgical performance and safety

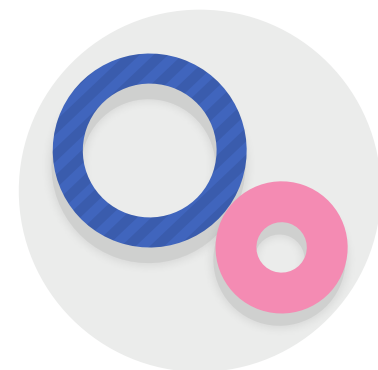


EXCEPTIONAL CHAMBER STABILITY, YOUR WAY FOR ANTERIOR SURGERIES

eyeflexa™ dynamically regulates intraoperative pressure (IOP) through its innovative fluid path adaptation technology (FPA). Three programmable vacuum thresholds adjust irrigation flow and work in sync with the infusion pressure control (IPC), providing exceptional chamber stability.

Offers ability to optimally maintain IOP, which is particularly important in delicate maneuvers like last piece removal.

*Qube™ pro powered by eyeflexa™



FLUIDIC PATHWAYS ENGINEERED TO MAXIMIZE SAFETY AND EFFICIENCY

Engineered to minimize IOP fluctuations at occlusion break, through low compliance and small-bore aspiration tubing. The irrigation flow is maximized through large-bore irrigation tubing.



ADJUSTABLE VENTURI PUMP

A selectable vacuum rise algorithm with 5 response profiles, which can be individually customized for any step during surgery, providing smooth, progressive control of the vacuum build for both peristaltic and venturi users.

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Information contained is intended for health care professionals. For a full list of indications and contra indications please refer to the product related Instructions For Use. Some of the products and/or specific features as well as the procedures featured in this document may not be approved in your country and thus may not be available there. Design specifications are subject to change without prior notice as a result of ongoing technical development. Please contact our regional representative regarding individual availability in your country. Hoya, eyeflexa, and Qube are trademarks of the HOYA Corporation or its affiliates. Bi-Blade is a trademark of the MIDLabs Inc. or its affiliates. ©2021 HOYA Medical Singapore Pte. Ltd. All rights reserved. ■ Fritz Ruck Ophthalmologische Systeme GmbH | De-Saint-Exupéry-Str. 10 60549 Frankfurt am Main Germany | CE 0123 | for the products Qube pro powered by eyeflexa and accessories. ■ Omesis Medikal Sistemleri İthalat İhracat Sanayi Ve Ticaret Limited Şirketi | Ostim Osb Mahallesi 1151 Sk. No: 40 Yenimahalle, Ankara, Turkey | CE 1984 | for the products Fenix. ■ Omesis Medikal Sistemleri İthalat İhracat Sanayi Ve Ticaret Limited Şirketi | Ostim Osb Mahallesi 1151 Sk. No: 40 Yenimahalle, Ankara, Turkey | CE I for the product Ledix. Distributed by: HOYA Surgical Optics GmbH | De-Saint-Exupéry-Str. 10 60549 Frankfurt am Main Germany | Tel: +49 (0) 800 664 2 664 | Fax: +49 (0) 800 774 2 774 | hoyasurgicaloptics.com

Singularly Focused. Globally Powered.™

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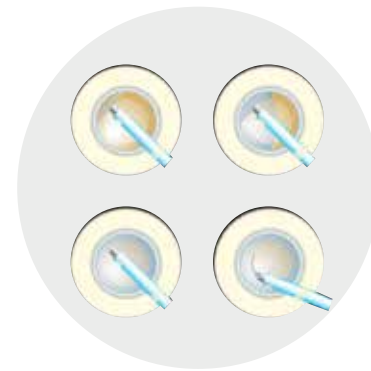
HOYA
SURGICAL OPTICS

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*Optional configuration with IV pole available on request

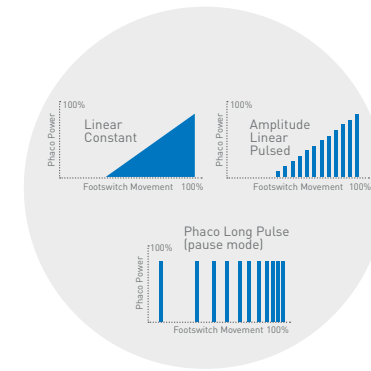
CUSTOMIZABLE AND ERGONOMIC INNOVATION

designed to suit your surgical needs



SIMPLIFYING HYDRODISSECTION

Patented Linear Hydrodissection (LHD) technology standardizes hydrodissection procedures by allowing for consistent and repeatable fluid delivery, and faster procedures by eliminating the need for instrument exchange during the step. It is also compatible with regular or femto laser procedures.



CONSISTENT ENERGY DELIVERY

Continuous self-calibration of the phaco handpiece offers faster, simpler, safer procedures with improved control. Choose from 14 different phaco modalities for boosted emulsification efficiency.



LIGHTWEIGHT, BALANCED TITANIUM HANDPIECE

The continuous self-calibration capability allows for consistent energy delivery, while the four-crystal design ensures smooth and efficient ultrasonic delivery.



OPTIMIZED PHACO NEEDLE CHOICES

Our optimized phaco needle options offer incision sizes ranging from 1.8 mm to 3.2 mm and are complemented with a complete range of preloaded hydrophobic IOLs from HSO. Their unique flared design improves emulsification efficiency, mitigates risk of post-occlusion surge and lowers thermal risk profile.



WIRELESS PROGRAMMABLE DUAL-LINEAR FOOTSWITCH

Complete flexibility of foot pedal options to suit your surgical preferences and technique, while reducing cable clutter on the OR floor.

Available in both wired and wireless options with the flexibility to customize either in single or dual-linear setting, providing you with complete control to optimize fluidic, energy and cutting performance.



DUAL-FUNCTION CASSETTE

A one (or single) cassette system, designed to offer a simple and unique solution for cataract, vitreoretinal or combined procedures, streamlining purchasing and preparation setup for the OR team.

Additional programmable buttons on the IR remote offer quick access while a color touchscreen with programmable audible feedback altogether allow for a highly flexible setup.

eyeflexa™ ANTERIOR SPECIFICATIONS

TECHNICAL SPECIFICATIONS

DIMENSIONS

320 x 450 x 380 mm (w x h x d)

WEIGHT

35 kg

POWER SUPPLY

100–240 VAC; 50–60 Hz; 250 W; 4.0 A

COMPRESSED AIR SUPPLY

400–1,000 kPa (4–10 bar); 60 L/min

DIGITAL COLOR TOUCH DISPLAY

ASPIRATION

Soft venturi pump 650 mmHg at sea level, rise time adjustable

IRRIGATION

Pressurized IPC (infusion pressure control) 5–120 mmHg; gravity (electric or manual I.V.-pole)

FOOTSWITCH

Single or dual-linear functions, 8 programmable buttons, wired or wireless

PHACO TECHNICAL SPECIFICATIONS

RESONANCE FREQUENCY

40±2 kHz, 0–100%, pulsation frequency adjustable (Automated Continuous Tuning)

PHACO MODES

Pulsed, burst, Qubic, width, constant, pause

AUTOMATIC VENTING

Programmable – fluid or fluid & air

OTHER SPECIFICATIONS

PNEUMATIC CUTTER

1,500 cpm (up to 3,000 cpm with Bi-Blade™)

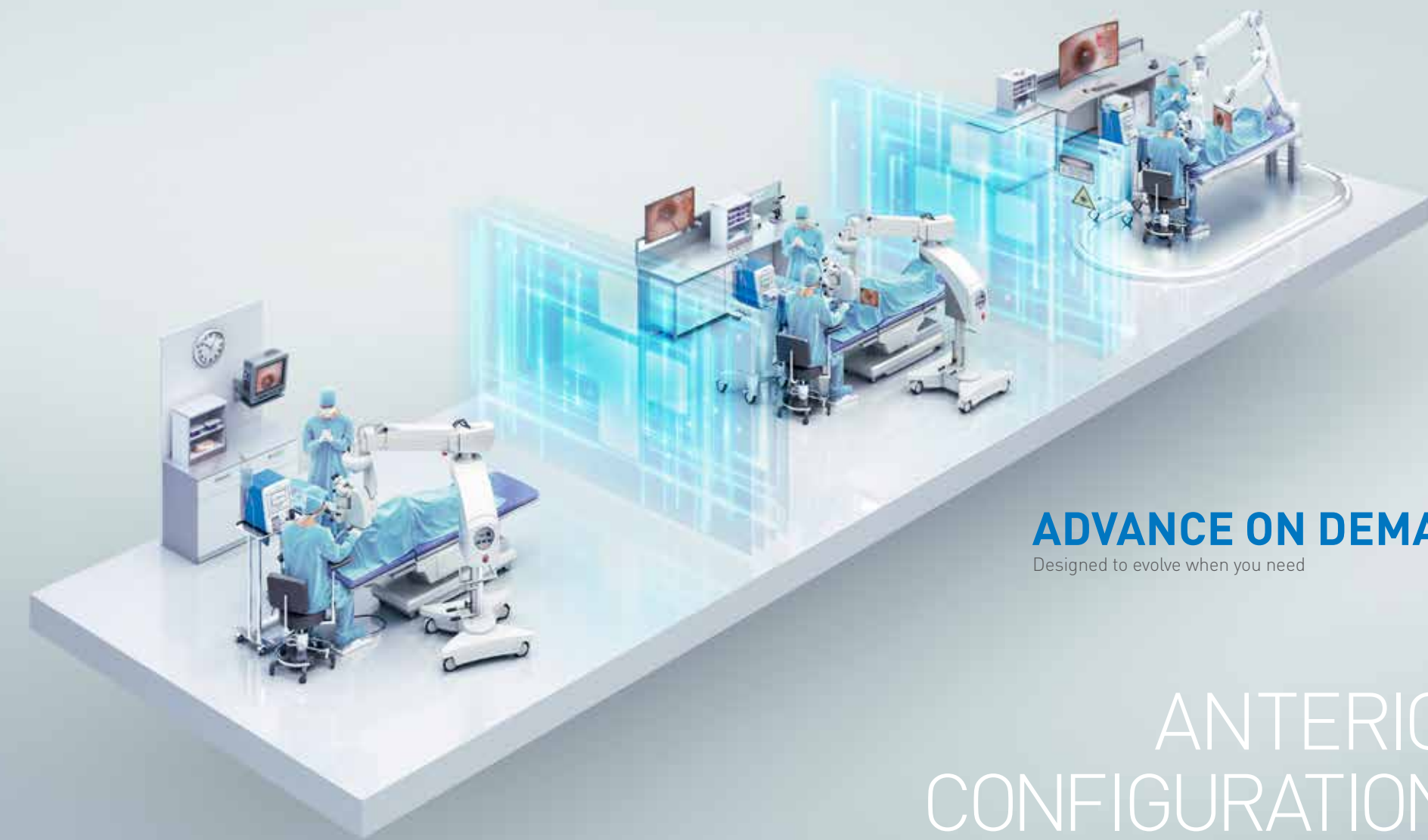
DIATHERMY

Bipolar, 9 W / 50 Ω; 2 MHz ±20%

VR-READY

VFI, fluid air exchange, active VF extraction

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ADVANCE ON DEMAND

Designed to evolve when you need

ANTERIOR CONFIGURATIONS

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