OPHTHALMIC DIAGNOSIS

# eVO 300
# eVO 400




LABOMED®
ideas for vision

# FOCUSED ON PERFORMANCE







Clarity, fluidity and ergonomics guided the design of the eVO 300 and eVO 400 slit lamps. Both configurations offer a highly efficient illumination system, accurate apochromatic optics and a unique integrated beam splitter for quick camera integration. Both models come with a Wratten filter for dry eye evaluation.

A range of cameras and accessories extends these instruments for digital documentation. Built on a durable metal platform, both systems are easy to install and to configure for any office.

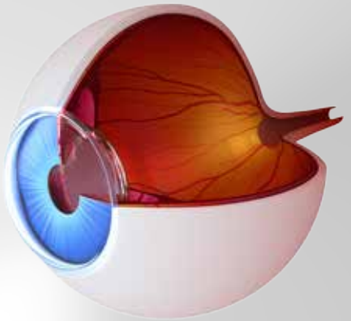
The eVO 300 performs superbly with its 5-step magnification changer and high-eye-relief viewing tubes, which keep the user comfortable through longer examinations. It has a more compact housing with 5 W LED transmitted-light illumination.

The eVO 400 shares the optical platform of the eVO 300 but adds a tower-style slit projection system that tilts 20 degrees, with crisp images and razor-sharp slit projection along the X and Y axes.

With a seamlessly integrated beam splitter, the eVO 300 and eVO 400 bring greater value to the office and are ready for digital imaging from day one. Integrating the beam splitter also keeps the magnification changer compact, for user comfort.

A Goldmann tonometer accessory (R-type and T-type) with plug-and-play mounting ensures precise alignment and contact for accurate IOP readings. An optional diffuser filter kit can be placed in the optical path for better region-of-interest illumination and more brilliant photography.

All optics are lead-free, contact surfaces are treated with antimicrobial paint, and the patient chinrest is made of non-toxic, non-irritating materials, for the safety of professionals and patients alike.





LABOMED MaxLite™ coated optics produce crisp, detailed images with true fidelity and no artifacts. These proprietary coatings nearly eliminate internal reflections and make surfaces more resistant to fogging and scratches.

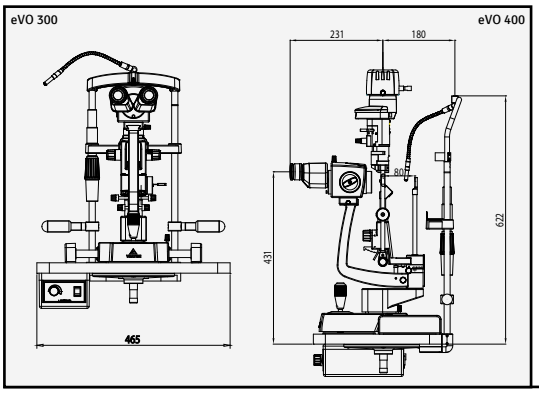


# VERSATILITY FOR TODAY’S EYE CARE PRACTICE

# eVO 300 / eVO 400

## SPECIFICATIONS

| | eVO 300 | eVO 400 |
|---|---|---|
| **Microscope** | Galilean | Galilean |
| **Magnification** | 5 steps: 6.5x, 10x, 16x, 25x, 40x | 5 steps: 6.5x, 10x, 16x, 25x, 40x |
| **Eyepieces** | WF 12.5x/18 mm, diopter adj. ±5 D | WF 12.5x/18 mm, diopter adj. ±5 D |
| **IPD range** | 48.5–77 mm | 48.5–77 mm |
| **Slit length/width** | 0–13.5 mm | 0–12 mm |
| **Slit apertures** | 0.6, 5.8, 9, 13.5 mm and continuous 1.5–12.0 mm | 0.3, 1, 3, 5, 9, 12 mm and continuous 1.5–12.0 mm |
| **Slit rotation** | 0–180° | 0–180° |
| **Slit tilt** | – | 20° |
| **Filters** | Red-free, cobalt blue, heat-absorbing | Red-free, cobalt blue, heat-absorbing, neutral density |
| **Movement ranges** | | |
| **Longitudinal (in/out)** | 100 mm | 100 mm |
| **Lateral (left/right)** | 107 mm | 107 mm |
| **Vertical (up/down)** | 30 mm | 30 mm |
| **Chinrest range** | 80 mm | 80 mm |
| **Illumination** | 5 W LED | 5 W LED |
| **Table base size** | 465 × 316 mm | 465 × 316 mm |
| **Weight** | 25 kg (packed) | 24 kg (packed) |
| **Voltage** | 100–240 V AC | 100–240 V AC |
| **Frequency** | 50–60 Hz | 50–60 Hz |
| **Optional accessories** | Tonometer adapter, beam splitter, C-mount camera adapter, diffuser, motorized table | |




All dimensions in mm

| DESCRIPTION | CONFIGURATION | CATALOG NO. |
|---|---|---|
| eVO 300 LED | 5-step magnification changer | 8126201 |
| eVO 400 LED | 5-step magnification changer | 8127201 |
| eVO 350 LED | 5-step magnification changer (without camera connection) | 8126303 |
| eVO 450 LED | 5-step magnification changer (without camera connection) | 8127303 |


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