

OVERVIEW OF NEW FEATURES OF THE NEXT GENERATION OF OS 4™



LASER INTEGRATION

Fully automated user protection filter –
Reliable eye protection

Filter glass automatically inserted –
Swift laser preparation

Filter glass only active during laser –
Clear vision during intervention



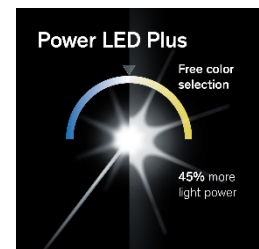
LIGHT

Power LED and Power LED Plus with 45% more output –
optimised visualisation

Expanded control range, high to low lumens –
increased patient and user safety

Ideal combination with 3D microscope
for low lumens

Power LED Plus with free colour selection –
high-resolution contrast viewing



PEDAL

Multifunctional with over 100 pedal setting options –
Individual control by the surgeon

Intuitive navigation with the following new features:

- Easy navigating through surgery with new surgery step selector, which is assignable on side or top buttons
- New placement options for the standard function selector on the side buttons and for the program selector on the left or right pedal side
- Extended ability to place the Continuous Irrigation on/off function on side or top buttons

Easy Changeover Cut / Asp. and Asp. Cut –
For an immediate reaction to any situation in anterior vitrectomy

New pedal buttons assignments in vitrectomy (assignment 5) and laser (assignment 4) functions
For enhanced light control

Air program selector on pedal in VIT, Injection, Extraction and Laser functions –
For full IOP control in vitrectomy



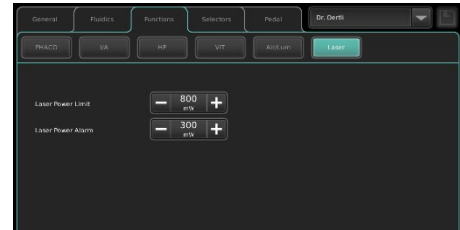
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ADDITIONAL VITRECTOMY FEATURES

Limitation of laser power per surgeon in ParaProg –
For even more safety in the laser settings

Laser alarm in case of exceeding a selected laser alarm limit -
Intuitive adjustment of the laser power via the pedal with
simultaneous
high safety with the alarm function




ADDITIONAL PHACO FEATURES

70% faster phaco test –
Speedier preparation without compromising safety

Vacuum override function in Phaco functions –
Reinforcement of holdability and occlusion

More efficient phaco time reset


+70%
faster

USER COMFORT

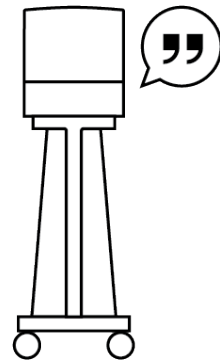
Acoustic voice confirmation, also for IOP and fluidic values –
Focused an autonomous work

Acoustic laser status signals –
Independent from any other voice confirmation

Advanced surgeon memory management –
Easily copy, reset, import and export individual surgeon memories

Customizable order in surgeon memory drop-down list –
Freely arrange surgeons according to wishes of hospital

New default settings for all operating functions –
Starting with our recommended values just from the beginning



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IMPROVEMENTS IN SERVICING AND SAFETY

Improved error management in case of hard laser errors –
Continuing to end surgery without laser is made possible

Limitation of the laser power to 1.5W –
For easier access to all markets

Functionality of the laser switch in the foot pedal visible –
in Service Mode tab «Status/Pedal»

Renaming of Laser Error Messages -
For simplified error diagnoses

