



OSIRIS

MADE IN ITALY
Aberrometer

LIFT 02

Electrical Table (Optional)



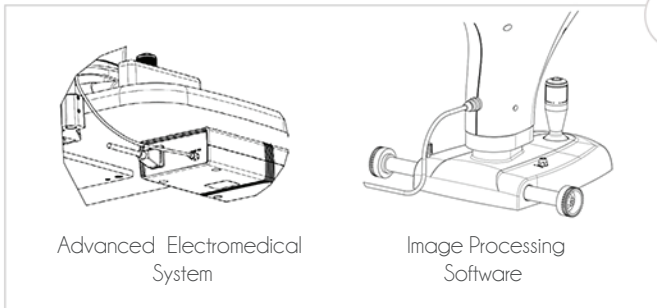
Tabletops
Available Colors





Features:

- Osiris has the ability to measure high order aberrations as well as standard refraction has become the new standard of care for your patients.
- Osiris, is a total ocular aberrometer, and is indispensable for the correct evaluation of critical patients who have, in addition to traditional low-order defects, even more complex ocular aberrations.
- Osiris has a unique design that enables it to measure aberrations with a resolution of 45,000 points (at the maximum pupil diameter), with a wide dynamic.
- Osiris is also able to measure the total wave-front in real time with a frame rate of up to 33 images per second: this makes it possible to measure and view changes in power and aberrations while the patient is accomodating.



Advanced Electromedical System

Image Processing Software

Product Introduction

Aberrometer OSIRIS



Ocular Aberrometer

Osiris has a unique design that enables it to measure aberrations with a resolution of 45,000 points (at the maximum pupil diameter), with a wide dynamic.

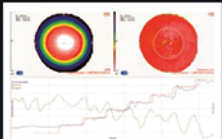


Software Phoenix

Osiris uses Phoenix software platform allowing patient data to be saved for future review and analysis, shared by all CSO devises.

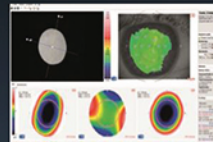
Dynamic Accomodations

Real-time measurements of the ocular wavefront with customizable exam modes (ramps or square waves) to evaluate patients the ability to focus.



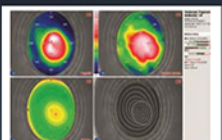
Toric Lens Assistant

Osiris aberromer makes it possible to distinguish whether any astigmatic residue is due to a rotation of the lens or to an incorrect calculation.



Analysis Software for Aberrations

The Phoenix software offers a wide range of analysis options such as refractive error maps and visual stimulations (PSF, MTF and with optotype).



Densitometry

Osiris can acquire backlight images without reflections in order for an assessment of cataract and optical media opacity evaluation.



1. Chinrest Module
2. Headrest
3. Shaped Tabletop
4. LED Shooting Lens
5. Main Supply Cable
6. Switching Adapter
7. Data Nameplate
8. Chinrest
9. Handrest
10. Joystick with Capturing Trigger Button
11. Instrument Power Supply Cable
12. Guide guard



OSIRIS

Aberrometer



Product Specifications



Measurements

Operation Distance	79 mm from corneal vertex
Number of Rings	24
Number of Measuring Points	5632
Number of Points Analysed	Over 100000
Diameter of the corneal area covered	0.4 to over 9.6 mm of Diameter
Dioptres Measuring Arc	1 to 100 D
Size (HxWxD) mm	510 x 313 x 280 mm
Weight	6.5 kg

Applicable Lighting

Placido's LED lighting	White LED
Fluorescein LED lighting	Blue LED 460 nm
Pupillometry	LED lighting IR LED 850 nm

Notes

Accuracy & repeatability error	Class "A" as per "ISO19980:2005 (E)
Power supply	24V DC external power supply unit
Input power supply unit	90-264 V AC: - 47/63 Hz Max 0.9 A OUTPUT: 24 V DC - 2 A
Power frequency	(50/60Hz) magnetic field IEC 61000-4-8
Power cable	Four-core cable conductors
Computer connection	USB3 Type A cable

