eidon Fa

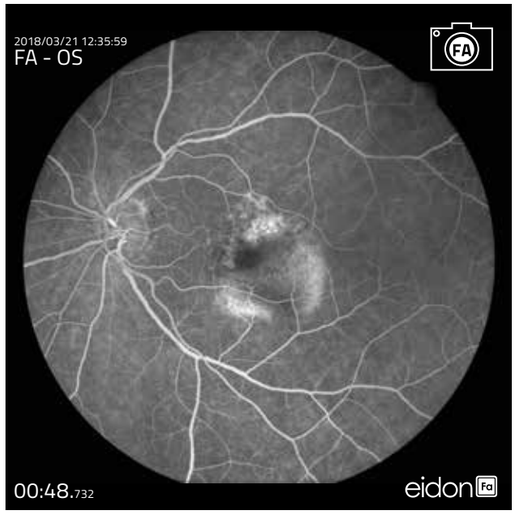
True Color Confocal Scanner

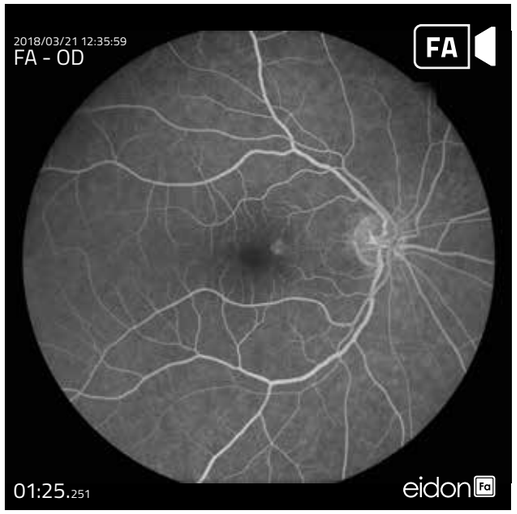
The Automatic Fluorescein Angiography System

centervue

eidon Fa

Eidon FA merges together ultra-high resolution and wide field imaging. A fully automated system transforming Fluorescein Angiography as never seen before





The Eidon FA Fluorescein Angiography

FEATURES	BENEFITS
FULLY AUTOMATED ➤	Eidon FA transforms the complex fluorangiography process in a simple examination requiring minimum operator's involvement while improving patient work flow
CONFOCAL ULTRA RESOLUTION ➤	The Eidon FA confocal technology provides the highest image resolution on the retina (15 µm), to detect and follow-up the slightest dynamic details of retinal blood flow
WIDE FIELD ➤	The 60° wide field images of the Eidon FA allow the visualization of the retinal midperiphery with the same ultra quality of the central retina

When automation meets traditional retinal angiography

The EIDON platform glows

Eidon FA with Fluorescein Angiography capability is an extraordinary tool for obtaining multiple types of highvalue information from multiple imaging modalities:

- White illumination is able to provide high-quality TrueColor imaging
- Red Free is useful to enhance the detail of the retinal vasculature and retinal nerve fiber layer
- Infrared light provides information corresponding to the choroid
- Autofluorescence allows the assessment of the Retinal Pigment Epithelial (RPE) layer
- Fluorescein Angiography images and videos enable to observe and monitor retinal blood flow details

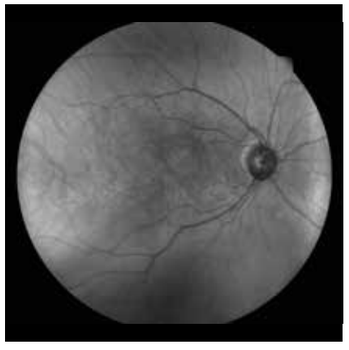
FA FLUORESCEIN ANGIOGRAPHY | FA VIDEO | TC TRUECOLOR | IR INFRARED | AF AUTOFLUORESCENCE | RF RED FREE

FA image

FA video

AF image

TrueColor image



IR image

Red Free image

Technical specifications*

Class and type of applied parts

Class I, Type B (according to IEC 60601-1)

IP classification:

IPX0 (according to the degree of protection provided by the enclosure with respect to harmful penetration of particulate matter or water)

Image acquisition:

- Non-mydriatic (minimum pupil size 2.5 mm)
- Field of individual image: 60° (H) x 55° (V) captured in a single exposure, equivalent to a 90° (H) x 80° (V) Center of Eye Angle
- Sensor resolution: 14 Mpixel (4608 x 3288)
- Light source: infrared LED (825-870 nm), white LED (440-650 nm), blue LED (440-475 nm)
- Working distance: 28 mm
- Resolution: 60 pixels/deg
- Optical resolution on the retina: 15 µm
- Pixel pitch: 4.9 µm
- FA video resolution: 1840 x 1644 pixels
- FA video acquisition rate: 5 fps

Other features:

- Imaging modalities: Color, Red Free, IR reflectance, Autofluorescence (AF), Fluorescein Angiography (FA)
- Automatic operation: auto-alignment, auto-focus, auto-exposure, auto-capture
- Auto-focusing adjustment range: -12D to + 15D
- Dynamic, programmable internal fixation target
- Tablet operated, with multi-touch, color display
- Ethernet connection through device
- Hard disk: SSD, 2 TB

Dimensions:

- Weight: 25 kg
- Size: 620 x 590 x 360 mm

Power supply:

- Power: 100-240 VAC, 50-60 Hz
- Consumption: 80 W

* Specifications are subject to change without notice for improvement.

CE 0123

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