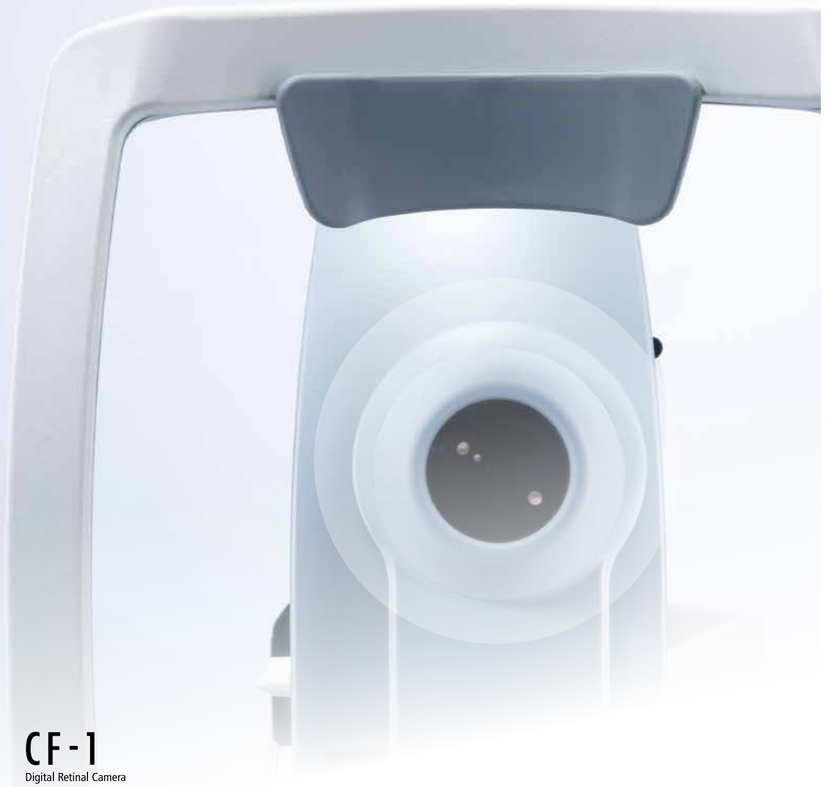

CF-1
Digital Retinal Camera

High resolution diagnostic images and efficient patient examinations.

Canon EOS Camera Technology

Stereo Mode

Non-Mydriatic

Mydriatic

FAF

Canon has been defining the future with innovative solutions for more than 70 years. In all that time we've constantly strived to improve medical diagnostics in healthcare. Perhaps that's what made us a leading global provider of eye care solutions.

Specifications

Specifications	
Dimensions	320 W x 531 D x 566 H mm
Weight	26 kg
Angle of view	50 degrees
Minimum pupil size	MYD: ø 5.2 mm (SP mode ø 4.3 mm)
Magnification	X2 (digital)
Photography modes	Colour / FA / Red free / Cobalt
Working distance	35 mm
Mounted Camera	EOS digital SLR (20 MegaPixel)
Fixation Target	External (standard) Internal fixation target (optional)
Patient's diopter	-31D - - 7D, -10D - +15D (standard),
compensation	+11D - +33D
Focus adjustment	Split lines
Working distance adjustment	Reflection dots
Panning and tilting range	30 degrees to the left and right 15 degrees up, 10 degrees down
Light sources	Xenon tube for photography. Halogenlamp for observation
Optional accessories	Stereo unit, Internal eye fixation unit, Chin rest paper (500 sheets)

0168W077

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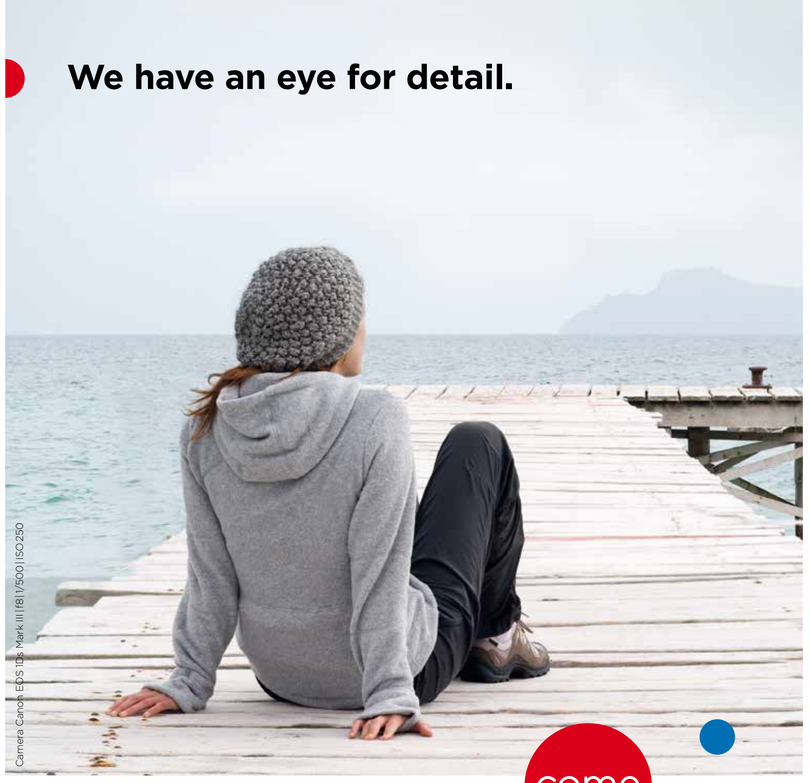
www.canon-europe.com/medical

Canon

We have an eye for detail.



Camera Canon EOS 1D X Mark III | f8 | 1/500 | ISO 250

come and see

CF-1 HIGH RESOLUTION
DIGITAL RETINAL CAMERA

Canon

Quick, easy and comfortable. Canon's diagnosis promise.

The CF-1 is a high-resolution digital retinal camera that combines speed, comfort and ease-of-use to give you the best images for your diagnosis.

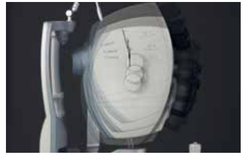
The ergonomic design
makes the CF-1 extremely convenient to operate

The CF-1 Mydriatic camera combines Canon's renowned optics and EOS camera technology with a highly-sensitive CMOS image sensor that delivers ultra-high resolution images with superior detail, contrast and colour. The high pixel count ensures that images are clear and sharp even when enlarged. The CF-1 extremely efficient optics allows excellent image capture even with low flash intensities, providing increased patient comfort during examinations.
After capture, images are transferred to a PC for immediate on-screen observation.
Its ergonomic design makes the CF-1 extremely convenient to operate; intuitive and comfortable adjustments make accommodating each examinee stress-free. The smooth, precise pan and tilt movement allows you to focus on desired retina views without requiring the patient to move their gaze. Alignment and focus is easy, helping you to complete your examinations quicker.

Compact design

Allows maximum patient interaction

Easy operation and high resolution images



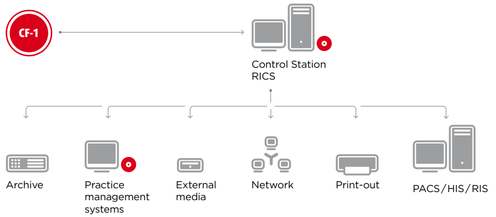
Standard tilting unit
For easy panning and tilting, for working around central obstructions (cataracts, vitreous hemorrhages) and imaging the peripheral retina

Four photography modes Colour, Fluorescein angiography and Cobalt and Red-Free imaging with High Quality Optical filters.
50-degree angle of view Canon's optical expertise achieves wide, extremely detailed retinal images at a 50-degree angle of view.
Easy operation and less flash flare The advanced optical design enables easy alignment and focusing, even with smaller pupil sizes.
Highly efficient optics Only a low amount of light is needed to capture clear images.
2x digital magnification Achieved in a fraction of the time as optical magnification, yet exceptionally clear and detailed due to the high pixel count of the integrated digital SLR camera.
Small pupil mode By pressing a single button a pupil size of only ø 4,3 mm is already sufficient.
Motorized chin rest This can be moved up and down to accommodate the examinee's height using the ergonomic control panel.
Compact, streamlined design All the CF-1 functions are integrated into a single, stream-lined space saving tabletop unit with a power supply that's built into the base.

Configuration

Canon is constantly thinking ahead when it comes to software design, and understands the importance of networkability and ease of integration. This has resulted in the development of new solutions that are designed to be flexible to suit the needs of the user and their image management systems.

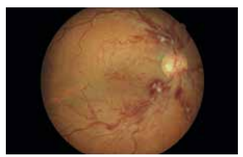
The Canon Retinal Imaging Control Software allows the CF-1 to be used as a stand-alone system. But it can also be easily integrated with an existing clinic network or DICOM-compliant network system.



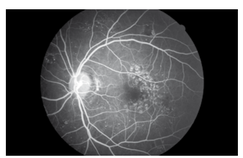
RICS RETINAL IMAGING CONTROL SOFTWARE

In the latest version of Canon's extensive Retinal Image Control Software. Image capturing, processing, archiving, referencing and the export of data have been made much easier.

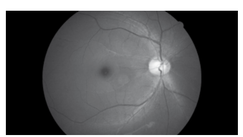
Features include:
- Full screen mode
- Loupe function
- Stereo view screen
- Image comments function
- White mask printing
- Study comparison
- RGB channel view
- Cup / Disc ratio
- Full DICOM compliance



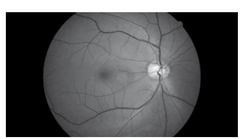
Colour image



Fluorescein angiography



Cobalt image



Red free image