

optoangiocam

digital angiography system

►► SPECIFICATIONS

CAMERA TYPE	Microprocessor controlled CCD
FIELD ANGLE	45° degrees
CUSTOM FILTERS	<ul style="list-style-type: none">• High efficiency Exciter/Barrier pair for Fluorescein imaging• High efficiency Exciter/Barrier pair for ICG imaging• Green filter for Red Free imaging
FILTER ACTIVATION	Motorized, controlled via operating PC or control panel
WORKING DISTANCE	43mm
ILLUMINATION	21V 150W Halogen Lamp (no flash)
VIDEO & IMAGE RESOLUTION	1392 x 1040 pixels
IMAGE MAGNIFICATION	3.0X
SWING ANGLE	Up to 30° side to side
OPTICAL HEAD MOVEMENT	Single axis X, Y and Z
CHIN REST HEIGHT	100mm – 180mm
MINIMUM PC SPECIFICATIONS	<ul style="list-style-type: none">• Pentium 4 – 2.8Ghz processor• 1.0Gb RAM• 80Gb HDD• CD R/W/RW drive for archiving• 64Mb graphic accelerator card• Windows 2000 (min) operating system
SOFTWARE FEATURES	<ul style="list-style-type: none">• DSRS (Digital Scattering Reduction System)• Patient database with search tools• Image capture and image processing tools• Area and relative area calculation tools• Exam storage and backup tools• Printing tools
POWER REQUIREMENTS	90-240V adjustable with voltage selector, 50/60 Hz
POWER CONSUMPTION	400W (max)
TOTAL WEIGHT	38kgs (84lbs) with integrated motorised stand

Specifications are subject to change without notice.
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The Opto AngioCam is a fully integrated digital imaging system for the retinal practice. The innovative design and state-of-the-art technology provides the capability to perform Fluorescein and Indocyanine Green (ICG) Angiography, Red Free and Color Fundus Imaging, in digital photographs and live-motion video.

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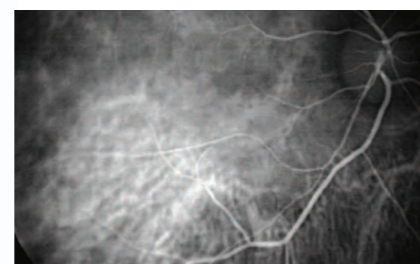
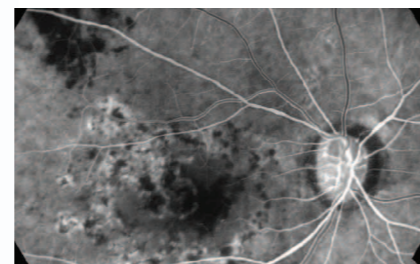
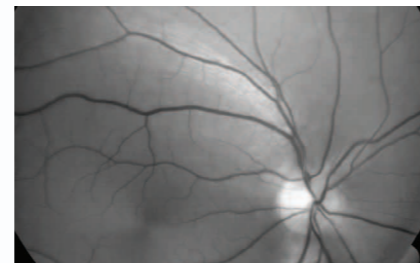
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digital angiography

- ▶▶ Color Fundus Imaging
- ▶▶ Red Free Imaging
- ▶▶ Fluorescein Angiography
- ▶▶ ICG Angiography
- ▶▶ Photos and Live-motion Video



▶▶ ADVANCED IMAGING

The AngioCam provides enhanced image definition, through the use of custom designed exciter and barrier filter pairs. The unique video imaging capability permits effortless and complete documentation of the early phase, ensuring that this critical element of the angiography is accurately captured.

▶▶ DIGITAL ENHANCEMENT

The system features complete digital enhancement functions including a proprietary DSRS (Digital Scattering Reduction System), as well as sophisticated area and optic nerve head measurements.

▶▶ EASE OF OPERATION

The AngioCam's computerized control provides easy and convenient operation. The main controls can be operated via the software, or the control panel. The electronic viewfinder feature provides external observation of the eye, assisting in precise positioning of the camera during any procedure.

▶▶ INTUITIVE SOFTWARE

The AngioCam's software package is designed to be intuitive and user friendly, thus simplifying the entering of patient data, image optimization, printing and archiving, into an easy and functional process.

▶▶ SEALED OPTICAL HEAD

The optical head is fully sealed from dust and humidity, ensuring image quality, and providing increased longevity.

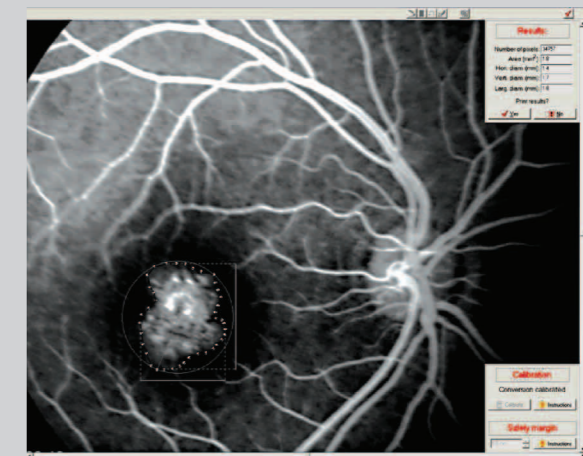
fully integrated system



CAPTURE SCREEN



OPTIC NERVE HEAD MEASUREMENT



PDT AREA CALCULATION