REV02 - 191219

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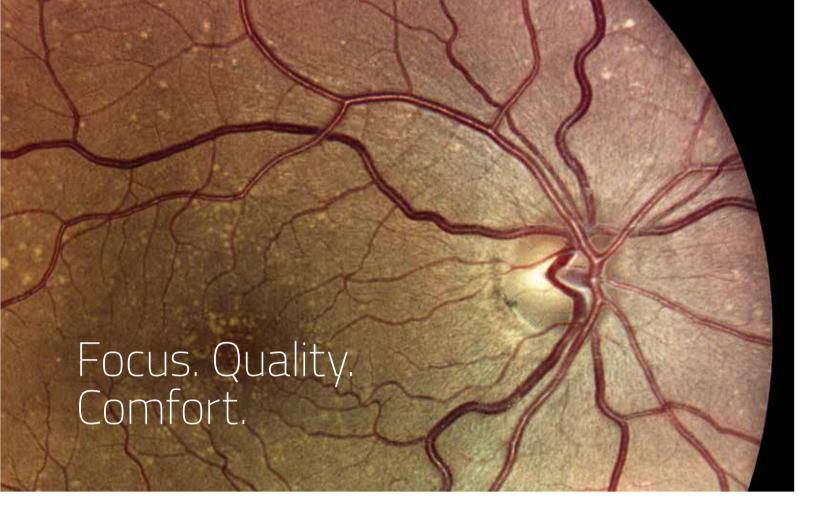






drsplus

Innovating a **Higher Standard** in Retinal Imaging



DRSplus **confocal fundus imaging system** by CENTERVUE uses white LED illumination to produce TrueColor and detail-rich images, setting a new effective and efficient standard of **retinal imaging**.



TrueColor Confocal Technology, with white LED, promotes detailed 45° retinal images and allows to scan through cataract.



The confocal technology permits imaging through **pupils as small as 2.5 mm**, without need of dilation, ensuring a comfortable patient experience.



Fast Fully Automated operation requires minimal staff training to acquire the highest quality images, speeding up the examination time.



Technical specifications

Field of View	Single image (W x H): 45° x 40° Mosaic up to 9 fields (W x H): 83° x 78°
Light Sources	White LED: 440-650 nm Infrared LED: 825-870 nm
Imaging Modalities	TrueColor, Red-Free*, Blue*, Red*, External Eye, Stereo**, Mosaic**
Autofocus Adjustment Range	-15D to +15 D
Automatic Operations	Auto-alignment, Auto-focus, Auto-exposure, Auto-capture Auto-montage
Minimum Pupil Size	Non-myd 2.5 mm
Working Distance	25 mm
Image Size	10 Megapixels
Resolution	80 pixel/degree
Fixation Targets	Internal/External**
Dynamic Programmable Internal Fixation Target	Central, Nasal, Temporal, Central-Nasal, Superior, Inferior, Superior-Temporal, Superior-Nasal, Inferior-Temporal, Inferior-Nasal
Computer/Accessories	
Display	Integrated 10.1" (1280 x 800) Color, Capacitive, Multi-touch
Hard Drive	SSD 512 GB
Interfaces	USB port 2.0 x 3, Gigabit Ethernet Port x 1
Export / Import	jpeg, pdf, DICOM**, Web API**
Accessories	Remote Viewer** up to a maximum of 5 remote stations
Dimensions/Power supply	
Size (W x H x D)	300 mm (11.8") x 450 mm (17.7") x 650 mm (25.6")
Weight	11 Kg (24 lbs)
Rated Voltage	100-240 VAC
Frequency	50-60Hz
Power Consumption	60W