

NFC-700

Fully Automated Non-Mydriatic
Retinal Camera



3D Tracking



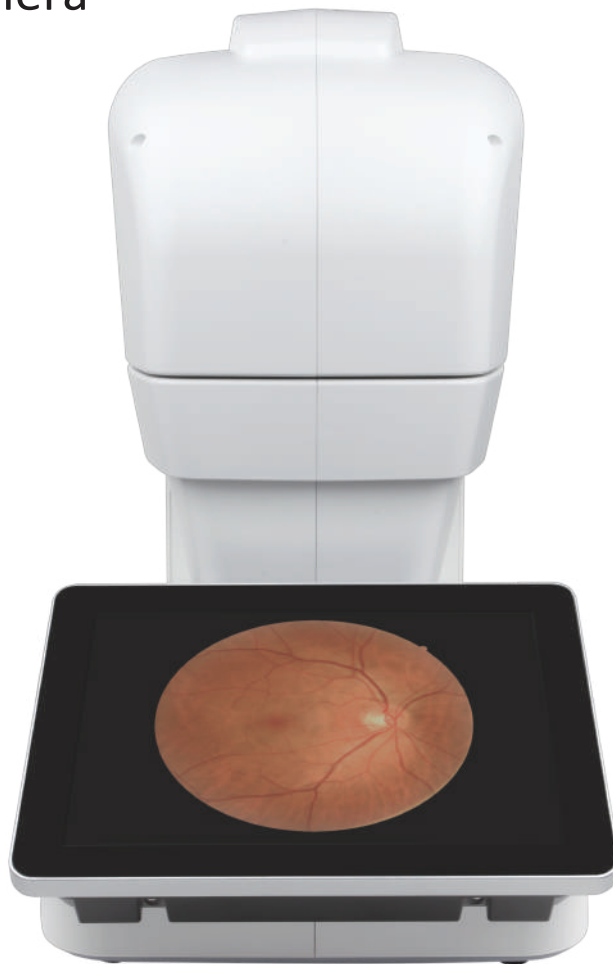
Montage



DICOM



Touch screen



from  **Grafton Optical**

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01923 233980

 **Crystalvue**

Fully Automatic Image Capture

With automatic 3D tracking and focusing, retinal images can be captured at the push of a button. The full-auto-shot function shortens the examination time, which not only simplifies the process for doctors and nurses, but also reduces discomfort or strains for patients.



All-in-one with built-in computer

NFC-700 is equipped with Windows 10 OS computer. Users are able to view, edit, and record information without the need to connect to other external devices.

Large 10.1" touch screen

The large 10.1" touch screen makes the NFC-700 easy for users to operate. Image details can be accurately and precisely viewed with the easy to control zoom function on the touch panel.

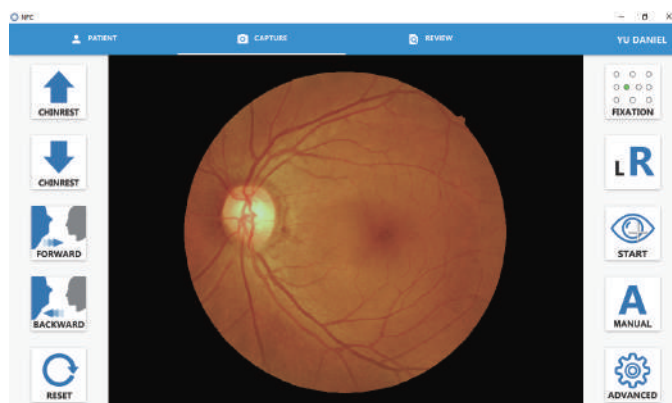
Enhanced connectivity



Users are able to store, retrieve, archive and share digital images via USB or LAN. NFC-700 is also DICOM compliant, making it easy to integrate with PACS program. Users can transfer, print out or share retinal information through Ethernet, HDMI or USB.

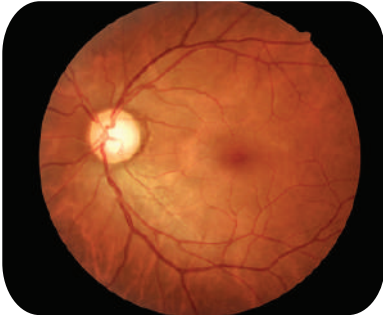
User-friendly interface

The user-friendly interface design makes the NFC-700 simple and easy for anyone to operate. The instructions and icons are clear and straightforward and there are more than 10 built-in languages for users to select.

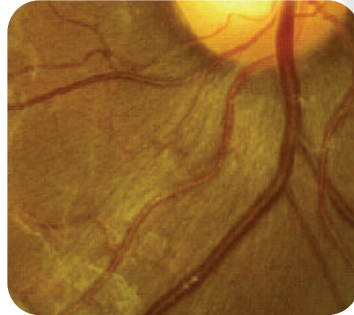


High quality retinal image

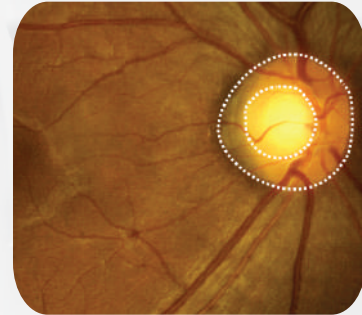
With a high resolution of 12 million pixels, NFC-700 captures and generates high quality retinal images. It provides retinal diagnostic staff and AI systems more precise and helpful information, which increases diagnostic accuracy and efficiency. Images can be enlarged to see tiny details and users can change colors or apply photo effects to the image for different purposes.



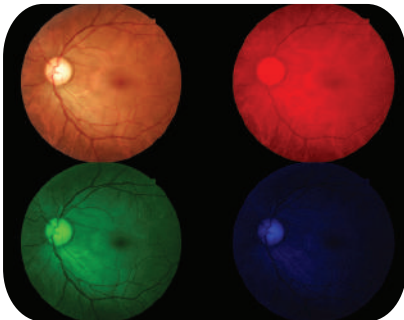
Standard Picture



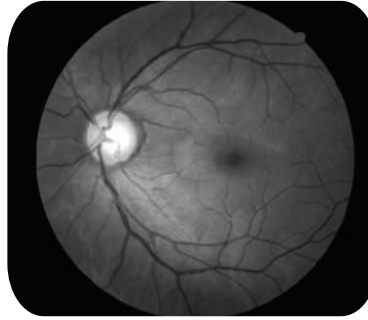
Zoom to see tiny details



Cup-to-disc Function



RGB



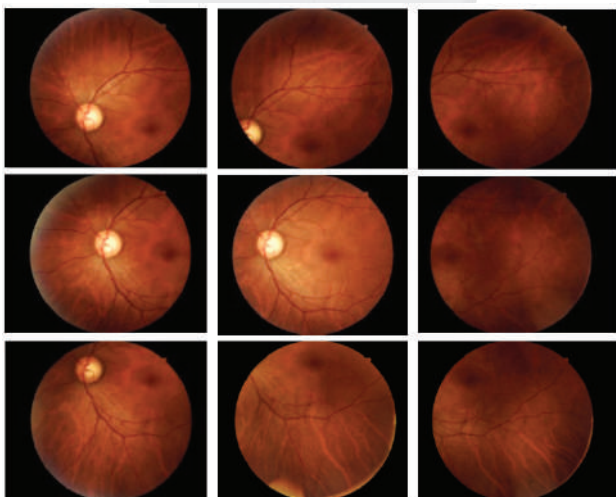
Digital Red Free



Negative Film Image

Selectable fixation targets and montage

Ten internal fixation targets are selectable. The disc, fovea, macular, or other peripheral retina areas can be captured by selecting the specified fixation.



SPECIFICATIONS

Type	Digital non-mydratic retinal camera
Type of photography	Color, digital red-free, anterior eye image
Image format	JPEG, PNG, Dicom (optional)
Field of view	45 degrees
Minimum pupil size	4.0 mm
Working distance	25mm
Focus adjustment range	-15D to +10D (without compensation lens) -35D to +10D (with compensation lens)
Flash intensity	10 levels, can be set manually
Light source	Observation light source: Infrared LED Flash light source: White LED
Auto exposure	Yes
Image	12MP
Eye fixation	Internal ten points
Alignment	Fully automatic 3D tracking
Chinrest	Motorized
Networking capability	Yes
Interface	USB2.0, Ethernet, HDMI
Power supply	AC 100V to 240V, 50/60/Hz, auto selected
Operating Environment	Temperature: 10°C to 35°C Humidity: 30% to 90% (no condensation)
Dimensions (WxDxH)	282 mm x 485 mm x 492 mm
Weight	17Kg