

graftonoptical.com

 Crystalvue

NFC-700

NON-MYDRIATIC
FUNDUS CAMERA



Available in the UK through Grafton Optical

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NFC-700

FULLY AUTOMATIC NON-MYDRIATIC FUNDUS CAMERA

The NFC-700 features fully automatic 3D tracking and image capture and is an essential diagnostic instrument for ophthalmologists to evaluate and record a patient's retina.

With its non-mydriatic function, patient comfort is maximised during the diagnosis process.

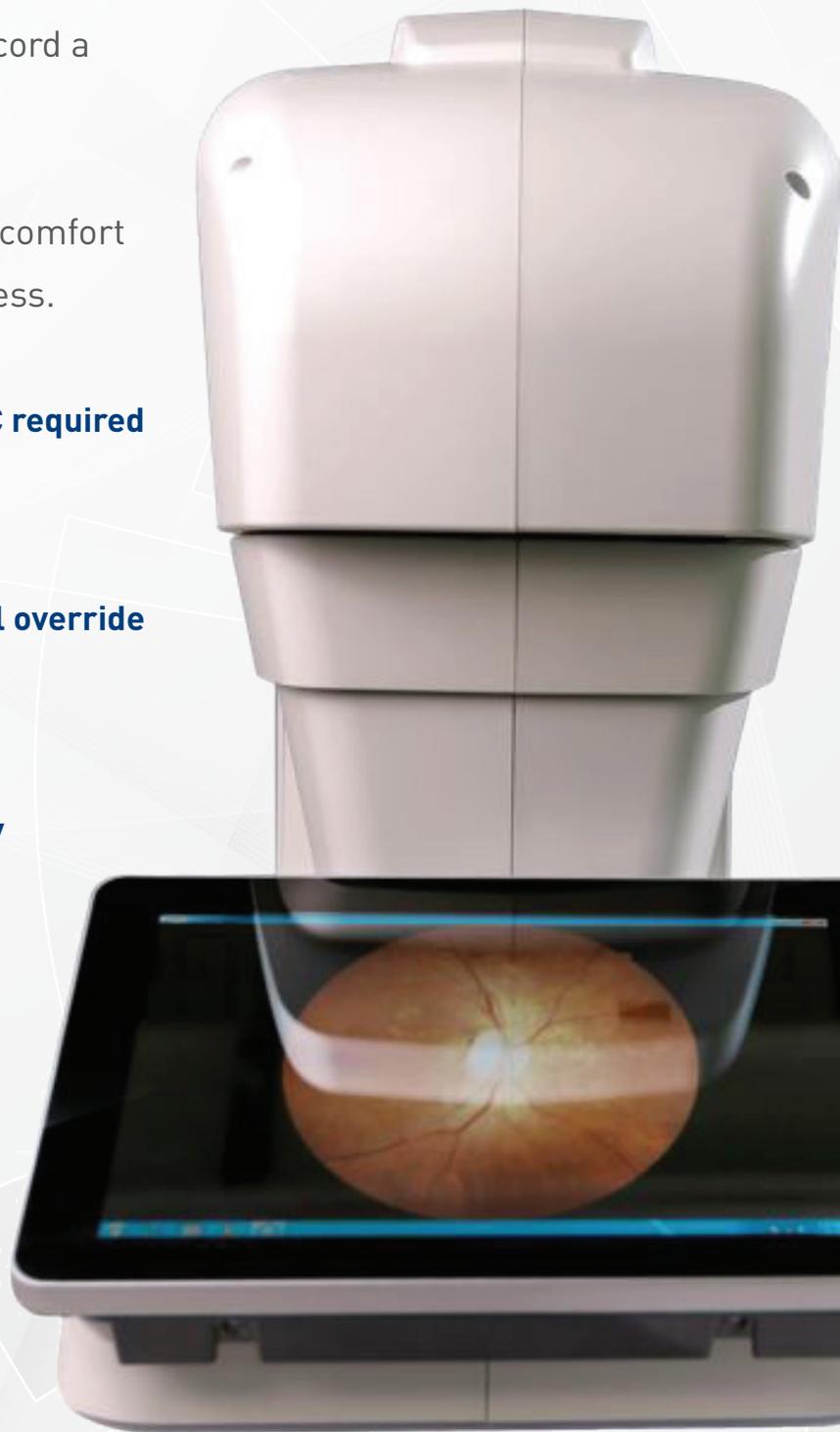
All in one fundus camera - no separate PC required

Small footprint

Automated focus and capture with manual override

Windows 10 based - easy to network

Mosaic comparison and filter functionality



NFC-700

OPERATION

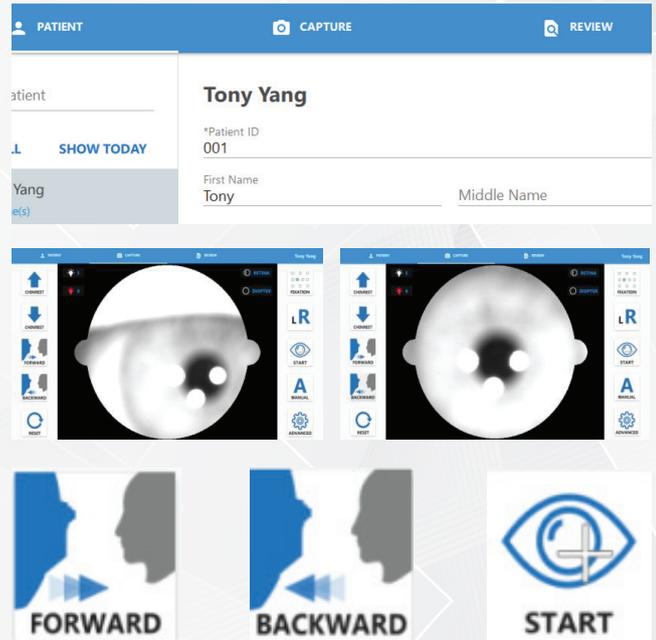
Adjust the height of the chinrest to align the eye

Select or create a patient data record and select 'capture'

Select the **centre of the pupil** on the screen to align with the centre of the screen

Use the soft keys to **adjust the distance** between the eye and the machine

Click **'start'** soft key to capture image



- Non mydriatic
- LED light source
- True 12m image sensor
- In-system montage for larger FOV retinal images
- Fast and fully automatic retinal image capturing
- Friendly user interface and multiple integrated tools
- Easy to use
- Network for remote access

Type of photography	Color, digital red-free, anterior eye image
Image format	JPEG, PNG, Dicom (optional)
Field of view	45 degrees
Minimal pupil size	3.8 mm
Working distance	25 mm
Focus adjustment range	-15D to +10D (w/o compensation lens) -35D to +30D (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	12 MP
Eye fixation	Internal ten points
Alignment	Fully automatic 3D tracking
Chinrest movement	Motorised
Networking capability	YES
Interface	USB 2.0, Ethernet, HDMI, WiFi
Power supply	AC 100V to 240V, 50/60Hz, auto selected
Operating Environment	Temperature : 10 to 35 Humidity : 30% to 90% (no condensation)
Dimensions(W x D x H)	282 mm x 485 mm x 492 mm
Weight	17 Kg

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