

3nethra  
**neo HD FA**

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**Digital  
Ultra wide field  
Imaging System  
With FA**





# 3nethra neo HD FA



## Ultra Wide Field Imaging with Greater field of view

The 3nethra neo HD FA is a compact, portable, and easy-to-use mydriatic wide field digital imaging system with Fluorescein Angiography (FA) mode used for the photo documentation of ocular diseases in new-born infants. It can capture color and FA retinal images of the human eye. Ultra wide field fluorescein angiography can reveal areas of peripheral neovascularization and active leakage among infants with persistent ROP.

## Salient Features

150° FOV

Compact and  
Ergonomic Design

Telemedicine Compatible

Fluorescein Angiography

20 Mega Pixel Sensor

\*AI for Identifying  
ROP Stages & Zones

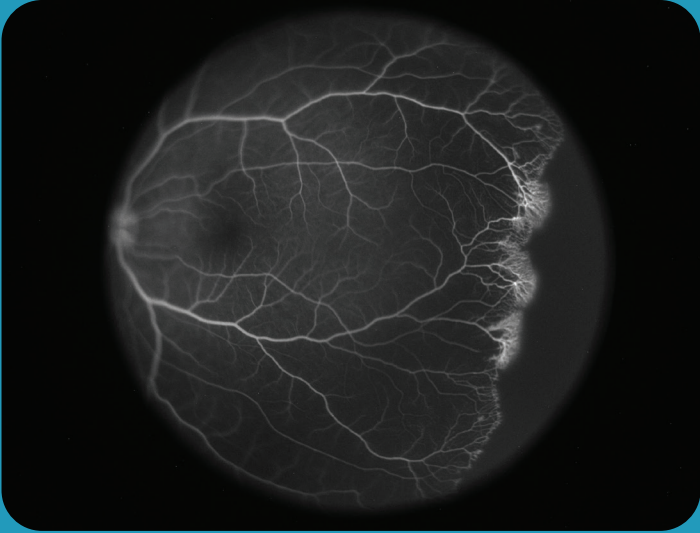
(\*Release planned as software upgrade in 2023)

Pen-holder Grasp

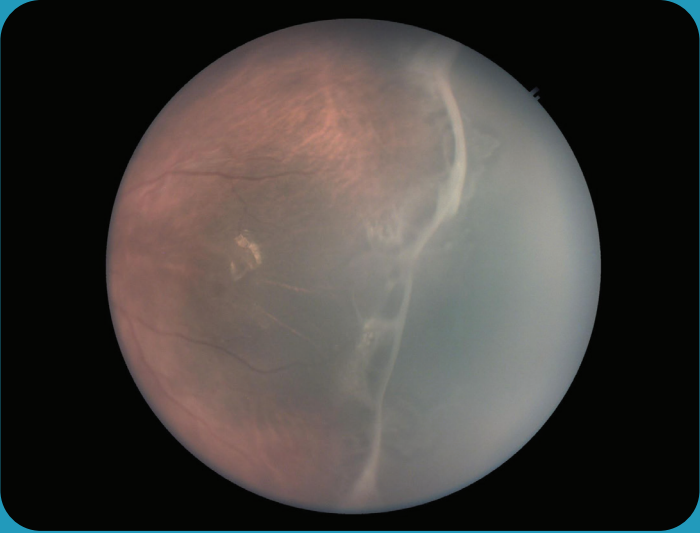




# Delivers Objective Evidence



Peak Phase: Contrast of blood vessels attains its peak



Peripheral Imaging





# Product Specifications

Parameters	Values
Imaging modes	Color fundus, FFA and cornea
Field of view	150 degrees when measured from the center of the eye
Minimum pupil diameter	4.0 mm
Working distance (fundus)	0 mm (contact imaging)
Light source	White and blue LED intensity control via foot pedal
Focusing method	Foot pedal as well as software controlled from UI
FFA filter switch	Automatic
Camera resolution	5472 x 3648 pixels
Universal screening	Software controlled aperture for universal screening
Power supply	AC 100-240 V, 50/60 Hz (for DC power adapter 5V/5A)
Power consumption	< 12 watts
Dimensions of handheld unit	210 (L) x 70 (W) x 60 (H) mm
Weight of handheld unit	300 g (550 g with cable)
Dimensions of transport package	650 (L) x 430 (W) x 300 (H) mm
Weight of transport package	12 kg
Operating environment	Temperature: 10-30°C Humidity: 30-90% (non-condensing) Atmospheric pressure: 80-106 k
PC/laptop requirement	MS Windows 10 64 bit OS-based laptop/desktop with <ul style="list-style-type: none"> <li>- i5 processor, 2.4 GHz or higher</li> <li>- 16 GB RAM or higher</li> <li>- 500 GB or more hard disk space</li> <li>- Display: full HD (1920 x 1080)</li> <li>- USB 3.0</li> </ul> The computer must conform to IEC 60950 Ed 2.0 or equivalent standard
Optional trolley table for NICU	Recommended size: 700(L) x 500(W) x 640-800(H) mm

Specifications stated above are same for the 3nethra neo HD variant which doesn't support the FA feature and has no blue LED or FFA filter switch. Available for sale in the UK and EU.

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