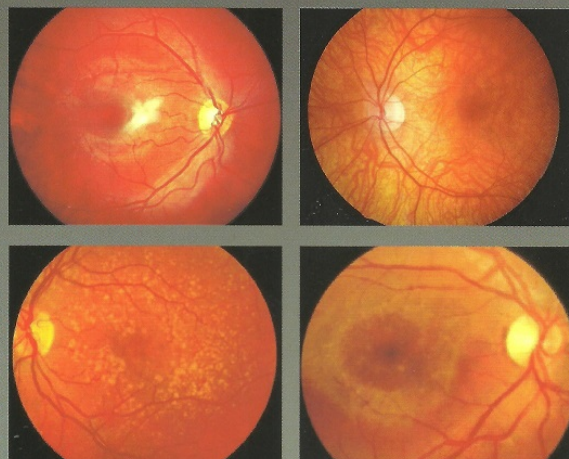
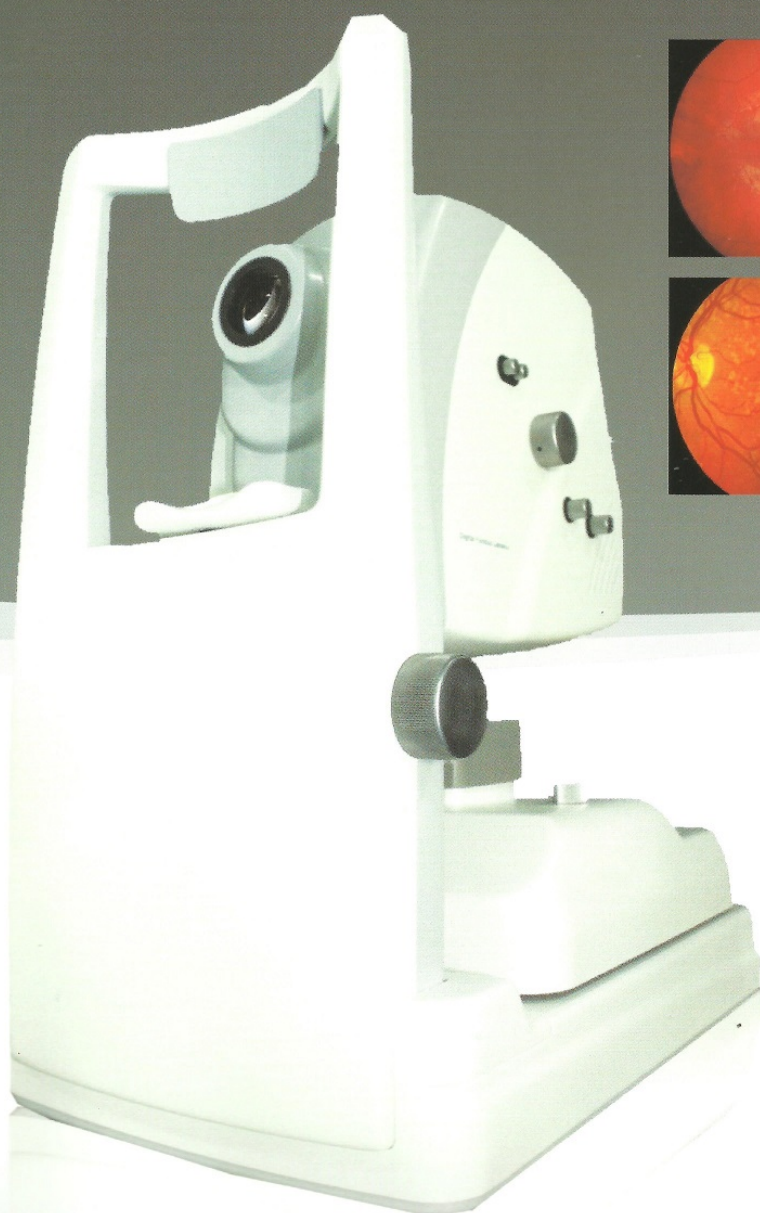


TNF 508

RETINAL CAMERA

A Hybrid Digital Mydriatic / Non-Mydriatic Retnal Camera



The TNF 508 Mydriatic / Non-Mydriatic retinal camera is a latest product of TOKA optical lab. It is a versatile retinal camera for color images. Superior optical lens and 18.0 Megapixels sensor offer clear images. TNF 508 can be used along with TKey software system. The friendly operation interface enables users to easily operate the instrument.

TNF 508

RETINAL CAMERA

In the rapidly developing technology of digital cameras, retinal imaging techniques advance quickly towards higher resolution and newer methods. New diagnostic modes and procedures require versatility, precision and reliability more than ever before. The Raymond TNF 505, improves on the unsurpassed quality of Raymond retinal cameras, incorporating new functions that enhance their versatility and operational ease. Further enhancing its adaptability, the TNF 505 can perform Fluorescein Angiography as an option, expanding its diagnostics aptitudes and application availability. An adaptable filter mechanism lets the user add or exchange filters of his or her choice for different procedures.

Using the Canon EOS 35 mm camera back, an 18 mp resolution image can be obtained from a pupil as small as 3.5 mm. The Image can be archived and edited using the OP Hospital Software. The TNF 505 uses Aspherical Optical design with a hard coat multi-layer that offers an enhanced image quality even in hazy media.

Tilt Angle Adjustment –

The Down ward Tilt angle is adjustable, thus facilitating Upward angle shoots, which have been a standard feature in the high end Fundus Cameras.

Small Pupil Photography

In the Non-Mydriatic mode, good resolution images can be obtained even with a 3.5 mm pupil size.

Photography with the Monitor Observation

In all modes, the photography can be done with the



observation on the monitor. This reduces the user discomfort in the monocular view-finder and the accompanying dis-orientation.

Photography made simple

Just align the spots on the screen, Clear the image by compensating for the patient's refractive error and Press the joy-stick button for an instant image. This regimen to follow for both FA and Non-Mydriatic Images.

Works to reduce OPD time by digitization of records.

With a field of view of 50 degrees, it becomes possible to obtain color images of the retina within a matter of 30 seconds per eye, thus saving valuable OPD time. In addition to this it provides a digital record of the Patient, which no other clinical equipment provides till now.

Technical Specifications

Digital Camera	Canon EOS technology
Image Resolution	Upto 18 megapixels
Minimum Pupil Size	3.3 mm
Compensation Range -	25 D to + 30 D
Focus	Side Mire Optical Alignment and manual Focus
Fixation Target	External Eye Fixation lamp and 3 internal Fixation LED
Angle of view	53°
Optical Head Tilting	Horizontal $\pm 30^\circ$, Vertical $\pm 12.5^\circ$
Working Distance	40mm from the examined eye to the objective
Range of Base movement	Front Back 60 mm, Side 100mm, Up Down 30mm
Software	OphImage software provided, to run on any windows PC

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