



Ophthalmoscope(WFE-02S)

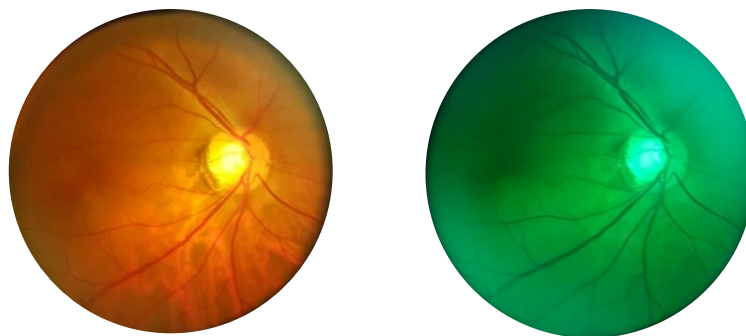
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• Introduction

Ophthalmoscope nun is a medical diagnosis device of the retinal disease by observing the retina of the human or animal. It comprises the objective lens, the relay lens and the eyepiece. Besides, the illuminating optical system is required because of the observation through small size of the pupil. Ophthalmoscope should secure a sufficient FOV(field of view) so that a wide area can be observed and should be arranged the focus mechanism because the human eyes are slightly different from each other. Commonly, we use the way of compensation by moving the objective lens. This is the same principle with moving eyepiece in the microscope or telescope.

• Features

- Hand-held ophthalmoscope
- Eyeglasses compatibility - more than 20mm eyerelief
- Wide viewing angle – about 30degree@pupil size over 4mm with mydriatic
about 15degree with non-mydriatic
- Color filter (Cyan and blue filter)
- Focus mechanism – diopter range : -20D to +20D
- Ring illumination using LED
- Available direct observation using the eyepiece
- Smartphone compatibility
- Rechargeable with micro USB connector
- Anterior eye imaging



Retinal images



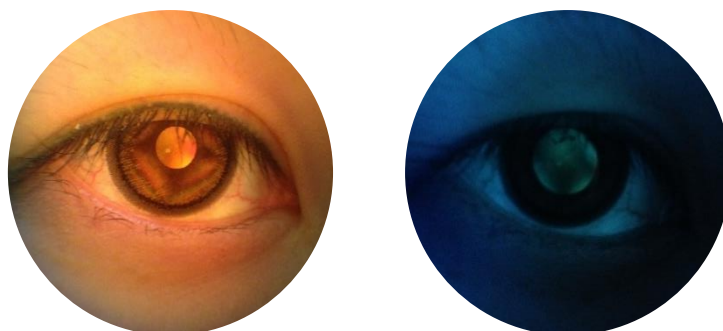
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- **Add-ons**

- **Anterior eye imaging**

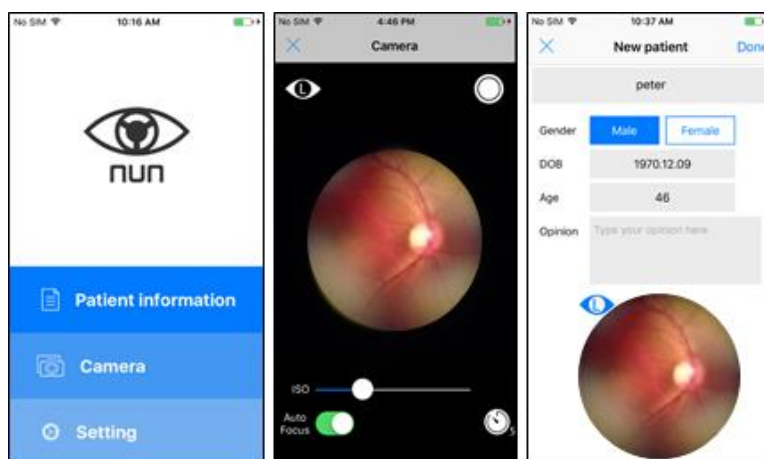
- When you put the eyepiece on +20D and keep the distance between the eye and the eyecup 5cm, you can capture the eye image.



Eye images

- **Smartphone adapter and application**

- Smartphone adapter can provide usability to record patient's retinal image.
By adopting universal smartphone adaptor, almost all kinds of smartphones are compatible with the product.
 - Smartphone applications for both iOS and android are available so that it can conveniently and efficiently manage the patient's retinal image.



Smartphone application