



NEW

Binocular Indirect Ophthalmoscope

Model : AAIO WIRELESS

The main purpose to design AAIO wireless binocular indirect ophthalmoscope is to provide efficient diagnosis. Its compact design provides exceptional comfort to the user. Since it is wireless it ensures easy viewing, providing flexible workflow.



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APPA
ASSC

LONG BATTERY LIFE

The Binocular indirect ophthalmoscope is designed with rechargeable battery, this allows continuous usage of the instrument upto to 5hrs without any interruption. It also provides more than 1000 charging cycles thus increasing the product efficiency effectively.

LIGHT-WEIGHT AND COMPACT

The AAIO wireless binocular indirect ophthalmoscope is engineered with an advanced light-weight material leading to a smaller and more compact instrument. It is combined with a soft cushioned and vibration free head band providing exceptional comfort to the user especially during long examination.



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COLOUR FILTERS

The AAIO wireless binocular indirect ophthalmoscope has in-built multiple color filters and adjustable apertures in the optics to avoid harmful radiation. This device is free from UV or IR radiation as the LED light source emits energy in the range of 400-700 nm (Visible region). Color Filters include Cobalt Blue and Green (Red Free)



EFFICIENT WORKFLOW

The main purpose of the AAIO wireless binocular indirect ophthalmoscope is to provide efficient diagnosis. Since it is wireless it ensures easy viewing, providing flexible workflow.

FLEXIBLE OPTICS

The high-contrast optics combined with LED light source offers sharper and clearer high-definition retinal images. The AAIO wireless has an optics that can be tipped and locked at various positions providing maximum flexibility to the user.

Focus distance	: 300 - 800 mm
Inter Pupillary distance	: 54 - 74 mm
Pupil size optics	: 1mm
Illumination	: LED illumination
Field	: Good, Clear circular
Illumination spot size	: Ø4.0 mm, Ø3.0 mm, Ø1.2 mm
Illumination area	: Ø80 mm, Ø60 mm, Ø25 mm (at the distance 500mm)
Illumination source	: LED
Illumination control	: Linear Intensity Control from 0 to 100%
Filters	: Cobalt blue, Green (Red - free)

Electrical Specifications

Power supply	: Input - 110-230 V AC, 50-60 Hz Output - 5V DC, 1000mA
Light source	: LED
Battery	: Rechargeable 3.7V DC (Lithium Ion battery)

Physical Parameter

Weight	: Net 550g & Gross 2.1Kg
Dimensions (L x B x H)	: 240 x 210 x 130 mm

Features

Unplugged, Compact, Light weight, Vibration free, 100% Mobility, Wireless with Rechargeable battery, Continuous usage up to 5hrs, Rechargeable battery provides more than 1000 charging cycles. Optics can be tipped and locked at various positions.

Standard Accessories

- Battery charger (1) • Carrying case (1) • Scleral depressor (1)
- Fundus chart (1) • Marking pencils (4) • Instruction manual

Optional Accessories

- 20 Diopters Aspheric viewing lens, • Double sided Co-observation teaching mirror