

Binocular Indirect Ophthalmoscope IO-X/IO-XLED



NEITZ pursues Comfort and Flexibility. Everything is for Your Best Performance.

Fundus image can be observed stereoscopically even through a small pupil of 2 mm diameter.

Observation angle can be continuously changed. Smooth single hand adjustment of mirrors allows the observation easily in any desired angle.

The halogen light provides suitable illumination for general observation.



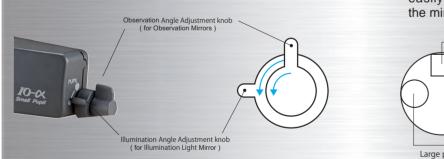


Specifications

Pupillary Distance : 54mm to 74mm Illumination Area : Φ19mm, Φ50mm, Φ80mm (at the distance of 500mm) Filters : UV, Blue, Red-Free Light Source : L-51 Halogen Bulb Dimensions : 230mm (w) x 310mm (D) x 250mm (H) Weight : 480g

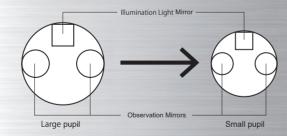


The Illumination Light Mirror and Observation Mirrors are adjustable respectively with a single hand.



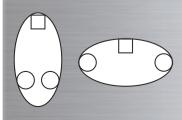
Small pupil

Clear stereoscopic fundus image can be easily obtained through small pupil with the mirrors.

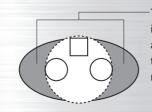


Freedom in choice of the approach angle to the pupil.

The system allows to adjust the position of the mirrors into vertical or horizontal positions corresponding to the patient pupil. It enables the operator to observe the periphery of the patient fundus from any angle.



The optical system of Neitz IO-a can position the mirrors into either vertical or horizontal oblong in corresponding to available observation angle for the operator at examination.



The area ,the periphery of fundus , is difficult to be observed in some approach angle to the pupil unless the optical system can position the mirrors like Neitz $IO-\alpha$.

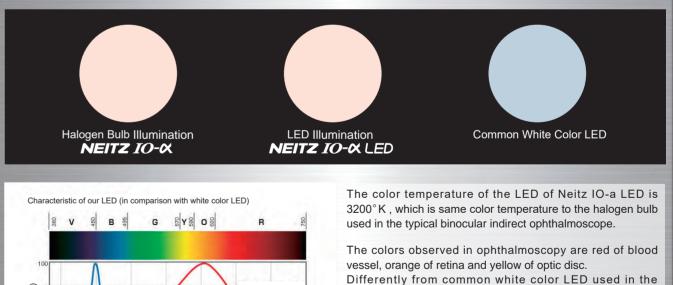
New LED Light source reproduces clean illumination in Halogen bulb color and eliminates the filament shadow.

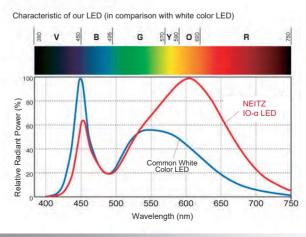
LED light source provides steady illumination for 50,000 hours, free from exchange the light bulb.

The combination of the LED and the powerful re-chargeable battery allows 5 times longer operation and 10 hours continuous lighting.

Specifications -

Pupillary Distance : 54mm to 74mm Illumination Area : Φ19mm, Φ50mm, Φ80mm(at the distance of 500mm) Filters : UV, Blue, Red-Free Light Source : 3W White LED Dimensions : 230mm (W) x 310mm (D) x 250mm (H) Weight : 480g









binocular indirect ophthalmoscopes of other manufacturers, our halogen bulb color LED reproduces these colors with high color rendering properties as shown in the chart on the left. It supports operator to obtain the maximized information from the fundus observation for more precise diagnosis.

It enables to observe fundus under the same condition of illumination compatible to the halogen bulb illumination of familiar.

PSU-3K• Voltage Input: Δ 120V or 230W.• Dimension :158 x 100 x 90 (mm)• Weight : 1200gVoltage Input: Δ 120V or 230V.• Voltage Input: Δ 120V or 230V.Use Input: Δ 120V or 230V.Use Input: Δ 120V or 230V.Use Input: Δ 120V or 230V.• Voltage Input: Δ 120V or 230V.<	POWERSOURCE	TRANSFORMER		BATTERY PACK	
 • Voltage Input : AC 120V or 230V. • Dimension :158x 100 X 90 (mm) • Weight : 500g • Continuous Illumination Time : Approx. 5 hours at maximum intensity • Charging Time: Approx. 2 hours • Dimension: 90 x 45 x 30 (mm) 	<i>IO-</i> 6X	 Voltage Input : AC 120V or 230W. Dimension :158x100x90 (mm) 			
	IO-X LED	 Voltage Input : AC 120V or 230V. Dimension :158x100X90 (mm) 		 Continuous Illumination Time : Approx. 5 hours at maximum intensity Charging Time: Approx. 2 hours Dimension: 90 x 45 x 30 (mm) 	NETZ Compa
ACCESSORIES Accessories included are Different depending on the	ACCESSORIE	S		Accessories included are Diffe	erent depending on the set.

Teaching mirror

Carrying case

OPTION



PSU-S Transfomer and PSU-S, Transfomer Stand



Aspherical Viewing Lens 20D

Lamp House Conversion Kit • Lamp House with 0.6M cord • Extention Curl cord



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