

Binocular Indirect Ophthalmoscope

# IO- $\alpha$ LED (+IO-BP3)



**NEITZ**  
Made by Neitz for Your Medical Field

## Accessories of each set

Item \ Set Type	Set 2	Set 3	Set 4
IO-a Main Unit	1	1	1
IO-BP3A	1	1	1
AC Adapter with interchangeable Plugs	1	1	1
USB cable (Type A – Type C)	1	1	1
Extension Cord (1 m)	1	1	1
Belt Hook	1	1	1
Wiring Ring	1	1	1
Teaching Mirror	-	-	1
Detachment Chart	-	-	1
User's Manual	1	1	1
Carrying Case	-	1	1



## Product Specifications

<b><i>Binocular Indirect Ophthalmoscope</i></b>		
illumination Source	Warm White LED	
Filters	UV, Red-free, Cobalt Blue	
illumination Field Diameter*1	19 mm / 50 mm / 80 mm	
Maximum Illuminance*1	Approximately 600 lx (using the UV filter)	
PD Adjustment Range	54 mm to 74 mm	
Minimum Pupil Diameter	2 mm	
Continuous Illumination Time*2	Approximately 5 hours at maximum intensity	
Incorporated Rechargeable Battery	Rechargeable lithium-ion batteries (3.7V)	
Charging Time	Approximately 2 hours	
Dimensions	Scope Unit*3	161 mm x 111.5 mm x 58 mm Approximately 480 g
	Headband Circumference	Approximately 520 mm to 640 mm
	Battery Pack*4	90 mm x 45 mm x 30 mm Approximately 90 g
<b><i>AC Adaptor</i></b>		
Model	SMI10-5-V-I38	
Power Input	Voltage	AC 100 V to 240 V
	Current	0.3 A
	Frequency	50 Hz to 60 Hz
Power Output	Voltage	DC 5 V
	Current	2.0 A

\*1: measured at 500 mm distance

\*2: for new batteries

\*3: excluding Headband

\*4: excluding protrusions

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