

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-BP3	1	1	1
AC Adapter	1	1	1
AC Cord	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>Binocular Indirect Ophthalmoscope</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		Two (2) AA type Nickel-metal hydride batteries (2.4 V)
Charging Time		Approximately 2.5 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 130 g
<b>AC Adaptor</b>		
Model		TRH21A050
Power Input	Voltage	AC 100 V to 240 V
	Current	0.25 A to 0.5 A
	Frequency	50 Hz to 60 Hz
Power Output	Voltage	DC 5 V
	Current	3 A

\*1: measured at 500 mm distance

\*2: for new batteries

\*3: excluding Headband

\*4: excluding protrusions

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