

Product Specifications

RXRCLED Specifications	
Product Name	LED Streak Retinoscope RXLED
Generic Name	Retinoscope
Illumination Source	L-102 (a customized LED bulb)
Streak Variations	Divergent Streak, Parallel Streak, Convergent Streak
Streak Rotation	360° Continuous Rotation
Battery	1 pc. Lithium-ion battery (Type 18650, rated voltage 3.6V, 3350mAh)
Maximum Power Consumption	Below 2W (with the head attached)
Dimensions and Weight	34(W)×269(H)×34(D) Approx.280g (including the rechargeable battery)
Optional Accessories	Presbyopic Lens (+1D, +2 D, +3 D),FiD),Fixation Card Set RX

Product Specifications LED Ophthalmoscopes BXαRCLED & BXαRCUSBLED		
Product Name	LED Ophthalmoscope BXαRCLED	LED Ophthalmoscope BXαRCUSBLED
Generic Name	Direct Ophthalmoscope	
Illumination Source	LED Bulb L-101	
Correction Range	-36 D to +35 D (in increments of 1 D)	
Filters (Illumination system)	Polarizing filter, Red-free filter	
Observation Polarizing Filter	ON / OFF	
Illumination Dial	Normal aperture, Small aperture, Slit, Concentric scale, Cobalt blue filter	
Battery	1 pc. Lithium-ion battery (rated voltage 3.6V, 3200mAh)	
Maximum Power Consumption	Below 2W (with the head attached)	
Dimensions and Weight	45(W)×223(H)×34(D) Approx.230g (including the rechargeable battery)	45(W)×223(H)×34(D) Approx.235g (including the rechargeable battery)

RC-III Specifications	
Product Name	Charging Stand RC-III
Input power supply	AC 100V -240V / 50Hz-60Hz, 0.3A
AC adapter output	USB Type A connector DC 5V / 2A (maximum)
USB cable	Type A to C, 1.5m (with overheat and over current protection)
Power consumption	Below 30VA (while charging)
Dimensions and Weight	60(W)×60(H)×60(D) Approx.175g (excluding the AC adapter)

Classification	
Degree of protection against electric shock	Class II ME equipment
Applied parts	No applied parts
Degree of protection against harmful ingress of water or particulate matter	IPX0
Method(s) of sterilization	Do not sterilize.
Suitability for use in an oxygen rich environment	Do not use in oxygen rich environments.
Mode of operation	Continuous operation

Applied Standards	
Electric safety	IEC 60601-1:2020
Electromagnetic disturbances	IEC 60601-1-2:2020
Usability engineering	IEC 62366-1:2020
Alarm system	IEC 60601-1-8:2020
Biological evaluation	ISO 10993-1:2018
Ophthalmic instruments	ISO 15004-1:2020, ISO 15004-2:2007, prISO 15004-2:2024
Retinoscopes	ISO 12865:2006
Medical device software	IEC 62304:2015
Battery regulation	2023/1542/EU
Hazardous substances	2011/65/EU and 2015/863/EU

Accessory



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* As part of our policy of continued product improvement, we reserve the right to alter and/or amend specifications at any time without prior notice.
* The colors in the catalog may be slightly different from those of the actual products .



NEW MODELS



LED STREAK RETINOSCOPE

RXRCLED

LED OPHTHALMOSCOPE

BXRCLED

CHARGING STAND

RC-III