



NEITZ

LED STREAK RETINOSCOPE

RXRCLED

CHARGING STAND

RC-III

Product Specifications

RXRLED 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

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

Environmental Conditions

	Use	Storage	Transport
Temperature	+10 °C to +35°C	-10 °C to +55°C	-20 °C to +60°C
Relative humidity (no condensation)	30 % to 90 %	10 % to 95 %	10 % to 95 %
Atmospheric pressure	800 hPa to 1060 hPa	500 hPa to 1060 hPa	500 hPa to 1060 hPa

Accessory

Carrying case



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Distributor



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