

Product Specifications RX3LED / RX3ALED

Product Name	LED Direct LED Streak Retinoscope RX3LED, RX3ALED
Generic Name	Retinoscope
Streak Variations	Divergent Streak, Parallel Streak, Convergent Streak
Streak Rotation	360° Continuous Rotation
Batteries	(RX3LED) 2 pcs. C-size alkaline batteries (rated voltage 3.0V) (RX3ALED) 2 pcs. AA-size alkaline batteries (rated voltage 3.0V)
Maximum Power Consumption	Below 3W (C-size battery) / below 1.5W (AA-size battery) (with Head attached)
Dimensions (excluding protrusions) and Weight	(RX3LED) 34 (W) x 34 (D) x 269 (H) mm, Approx. 340 g (including C-size Batteries) (RX3ALED) 34 (W) x 31 (D) x 269 (H) mm, Approx.245 g (including AA-size Batteries)
Included Accessories	Presbyopia lens (+2D), Head Attachment
Optional Accessories	Presbyopia lens (+1D, +3D) Fixation Card Set RX (Two cards and one card holder)
Practical Continuous Use Time	Approx. 20 hours (C-size battery), Approx. 10 hours (AA-size battery)

Product Specifications RX3SPLED / RX3ASPLED

Product Name	LED Spot Retinoscope RX3SPLED, RX3ASPLED
Generic Name	Retinoscope
Batteries	(RX3SPLED) 2 pcs. C-size alkaline batteries (rated voltage 3.0V) (RX3ASPLED) 2 pcs. AA-size alkaline batteries (rated voltage 3.0V)
Maximum Power Consumption	Below 3W (C-size battery) / below 1.5W (AA-size battery) (with Head attached)
Dimensions (excluding protrusions) and Weight	(RX3SPLED) 34 (W) x 34 (D) x 266 (H) mm, Approx. 300 g (including C-size Batteries) (RX3ASPLED) 34 (W) x 31 (D) x 266 (H) mm, Approx. 205 g (including AA-size Batteries)
Included Accessory	Head Attachment
Optional Accessories	Presbyopia lens (+1D, +2D, +3D) Fixation Card Set RXSP (Two cards and one card holder)
Practical Continuous Use Time	Approx. 20 hours (C-size battery), Approx. 10 hours (AA-size battery)

Related Products

Ophthalmoscope Set
BXa13RXLED / BXa13ARXLED

Ophthalmoscope Set
BXa13RXSPLED / BXa13ARXSPLED



A convenient set of Ophthalmoscope BXaLED Head and Streak Retinoscope RXLED Head or Spot Retinoscope Head compatible with the C-size Battery Handle or AA-size Battery Handle. (The photo above is the set with the C-size Battery Handle.)



LED STREAK RETINOSCOPE

LED SPOT RETINOSCOPE

RX3LED
RX3ALED
RX3SPLED
RX3ASPLED

The Features of LED Retinoscopes

3-8 TIMES Brighter Illumination Field

The streak light model is about three to five times, the spot light model is five to eight times brighter than our halogen bulb models. Easily visible screening even in a bright room.

SMOOTH Smooth Light Control

Smooth stepless light control from the minimum to the maximum. Reduces the burden of the patient caused by photophobia. Clear fundus observation.

BOOST Boost Mode for More Brightness

Switchable between normal mode and much brighter boost mode.

Ra:90 High Color-rendering LED

Ra: More than 90, R9: More than 80
Color temperature: 3000K
No need of light bulb replacement. Maintenance-free
LED lifetime: 50,000 hours



Basic Functions



Pursuit of Visibility

The anti-reflection filter provides wide and clear field of view. This reduces the sense of fatigue due to a long-time use.



Pursuit of Usability

The streak can be easily set at the best position. The rotation and the width change of the streak are separately controlled. Rotating the streak does not affect the streak width. The lightweight retinoscope head rotates freely.



Free Streak Rotation

The streak rotates 360 degrees. You can rotate it from any position and is useful for measurement of the axis of myopia. Furthermore, the retinoscope is equipped with the Head Attachment Mount for eyeglasses wearers and the feature to attach a presbyopia lens easily.



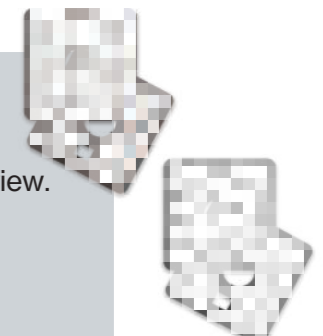
Sharp Streak Light

The precision cut slit realizes the sharp and clear streak light.



Fixation Card Set

The Fixation Card Set is available for use in dynamic retinoscopy. Consists of two fixation cards and a card holder. (Optional)



Two types of fixation card (Fixation Card Set RX) * Optional



Card Holder RX (Fixation Card Set RX) * Optional

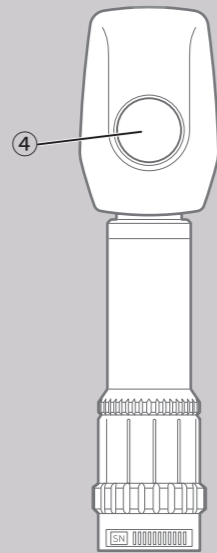
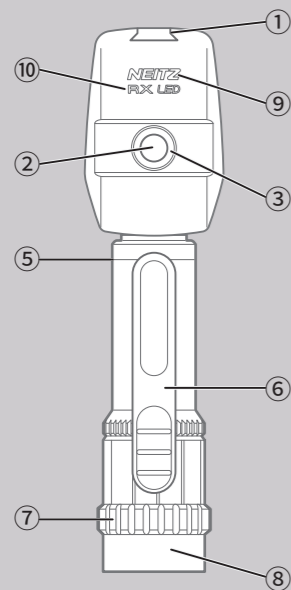


Card Holder RX-SP (Fixation Card Set RX) * Optional



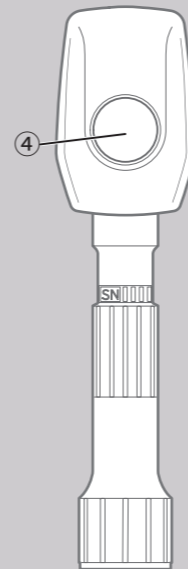
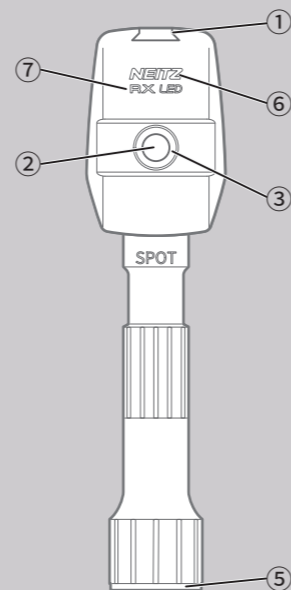
Delivered with Carrying case

RX3LED



- ① Head Attachment Mount
- ② Viewing Window
- ③ Viewing Window Rim
- ④ Illumination Opening
- ⑤ Reference Line
- ⑥ Streak Adjustment Lever
- ⑦ Head Rotation Ring
- ⑧ Head Joint
- ⑨ Manufacturer's Logo
- ⑩ Model Logo

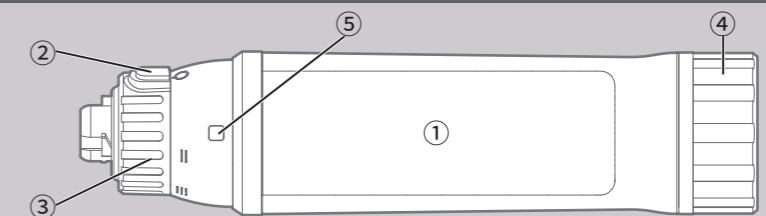
RX3SPLED



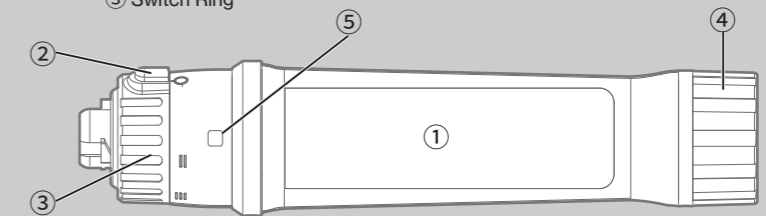
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C-size Battery Handle

(For RX3LED and RX3SPLED)



- ① C-size/AA-size Battery Handle
- ② Switch Button
- ③ Switch Ring
- ④ Bottom Cap
- ⑤ Pilot Lamp



AA-size Battery Handle

(For RX3ALED and RX3ASPLED)