

| Product Specifications LED Streak Retinoscopes RXRCLED & RXRCUSBLED | | |
|---|--|--|
| Product Name | LED Streak Retinoscope RXRCLED | LED Streak Retinoscope RXRCUSBLED |
| Generic Name | Retinoscope | |
| Illumination Source | LED Bulb L-102 | |
| Streak Variations | Divergent Streak, Parallel Streak, Convergent Streak | |
| Streak Rotation | 360° Continuous Rotation | |
| Battery | 1 pc. Lithium-ion battery (rated voltage 3.6V, 3200mAH) | |
| Maximum Power Consumption | Below 2W (with the head attached) | |
| Dimensions and Weight | 34(W)×269(H)×34(D) Approx.280g (including the rechargeable battery) | 34(W)×269(H)×34(D) Approx.285g (including the rechargeable battery) |
| Optional Accessories | Presbyopic Lens (+1D, +3 D) Fixation Card Set RX | |

| Product Specifications LED Spot Retinoscopes RXRCSPLED & RXRCUSBSPLED | | |
|---|--|--|
| Product Name | LED Spot Retinoscope RXRCSPLED | LED Spot Retinoscope RXRCUSBSPLED |
| Generic Name | Retinoscope | |
| Illumination Source | LED Bulb L-103 | |
| Battery | 1 pc. Lithium-ion battery (rated voltage 3.6V, 3200mAH) | |
| Maximum Power Consumption | Below 2W (with the head attached) | |
| Dimensions and Weight | 34(W)×266(H)×34(D) Approx.240g (including the rechargeable battery) | 34(W)×266(H)×34(D) Approx.245g (including the rechargeable battery) |
| Optional Accessories | Presbyopic Lens (+1D, +2D, +3 D) Fixation Card Set RX-SP | |

| Product Specifications Charging Stand RC-III | |
|--|---|
| 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) |

Included Accessories

| RXRCLED/RXRCSPLED | RXRCUSBLED/RXRCUSBSPLED | RC-III |
|-------------------|---|--------------------------|
| Carrying case | Carrying case, AC adapter, USB cable | AC adapter, USB cable |

| Product Specifications Transilluminator TI | |
|--|--|
| Product Name | Transilluminator TI (Head only) |
| Generic Name | General-purpose light source |
| Illumination Source | LED Bulb L-104 |
| Maximum Power Consumption | Below 2W |
| Dimensions | Head only: Approx. Φ22.5 mm × 80 mm |
| Weight | Head only: Approx. 35g (including the LED bulb) |



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Distributor

* 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 .



Battery Handles are separately available.

**NEW
MODELS**

LED Streak Retinoscopes

**RXRCLED
RXRCUSBLED**

LED Spot Retinoscopes

**RXRCSPLED
RXRCUSBSPLED**

Charging Stand **RC-III**

Transilluminator **TI**

The Features Various Functions 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.
- Provides clear reflected light.

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 50 Color temperature: 3000K
- No need of light bulb replacement. Maintenance-free LED lifetime: 50,000 hours.

Li-ion

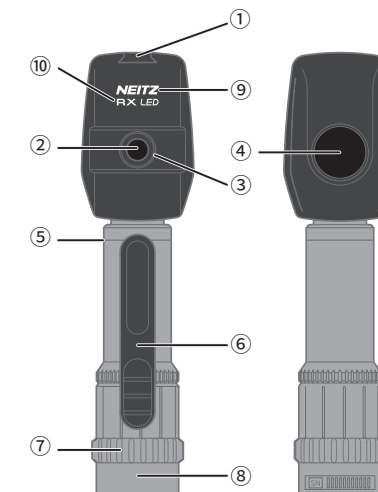
Powered by Li-ion Battery

- Store the Device in the Table-top Charging Stand while charging.



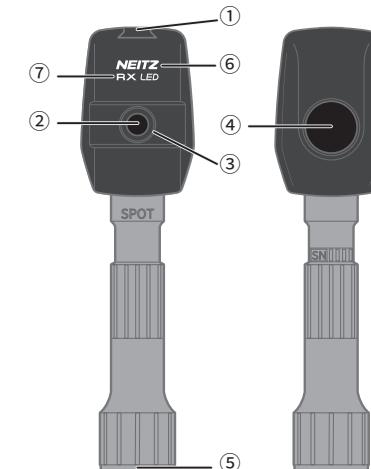
Various Functions

RXLED Head (Streak Retinoscope)



- 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

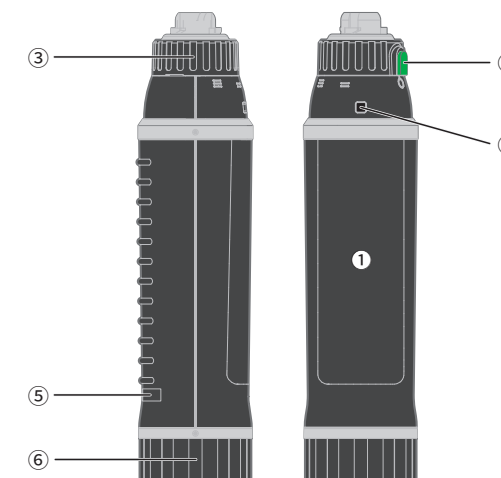
RXSPLED Head (Spot Retinoscope)



- ① Head Attachment Mount
- ② Viewing Window
- ③ Viewing Window Rim
- ④ Illumination Opening
- ⑤ Head Joint
- ⑥ Manufacturer's Logo
- ⑦ Model Logo

LED Rechargeable Battery Handle

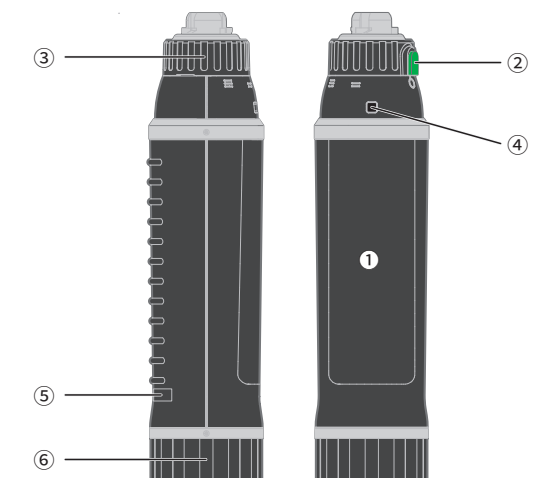
Charged via separately available Charging Stand RC-III.



- ① LED Rechargeable Battery Handle (LH-1200)
- ② Switch Button
- ③ Switch Ring
- ④ Pilot Lamp
- ⑤ Serial Number and Information Mark
- ⑥ Bottom Cap with Built-in Battery Unit 1200RC
- ⑦ Charging Contact

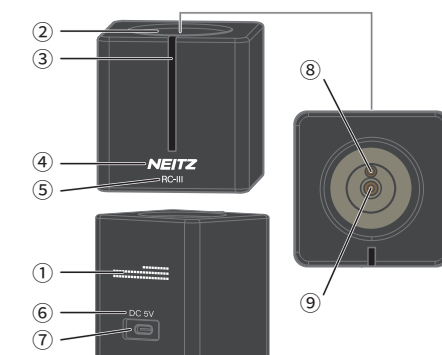
USB Charging Handle

Charged via AC Adapter in the Delivery Set.



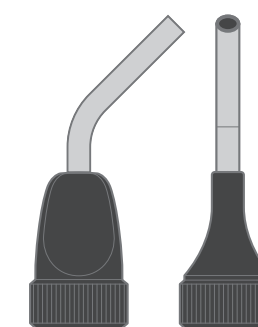
- ① LED Rechargeable Battery Handle (LH-1300)
- ② Switch Button
- ③ Switch Ring
- ④ Pilot Lamp
- ⑤ Serial Number and Information Mark
- ⑥ Bottom Cap with Built-in Battery Unit 1300RC
- ⑦ Rated Voltage Indication
- ⑧ USB Socket (USB Type-C)
- ⑨ Status Indicator

Charging Stand RC-III



- ① Serial Number and Information Mark
- ② Charging Port
- ③ LED Indicator
- ④ Manufacturer's Logo
- ⑤ Model Logo
- ⑥ Rated Voltage Indication
- ⑦ USB Socket (USB Type-C)
- ⑧ Negative Contact
- ⑨ Positive Contact

Transilluminator TI



- For use of ophthalmic fixation test, eye position test, and binocular test, etc. Also for use in the transillumination test.
- Compatible with Neitz Dry-cell Battery Handles and Rechargeable Battery Handles.

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.



Sharp Streak Light

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



Free Streak Rotation

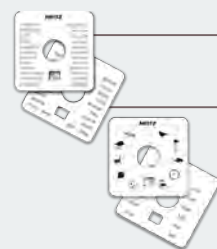
The streak rotates 360 degrees. You can rotate it from any position and is useful for measurement of the axis of myopia.
Furthermore, the retinoscope is equipped with the Head Attachment Mount for eyeglasses wearers and the feature to attach a presbyopia lens easily.



Fixation Card Set

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

Fixation Card Set FC (Optional)



Two Types of fixation card
(Fixation Card Set)



Card Holder
(For Fixation Card Set RX)



Card Holder
(For Fixation Card Set RX-SP)

Schematic Eye on Stand (Optional)



For use of training

Delivered with



Carrying case