

Halogen Ophthalmoscope

BXα-13



- Used with C cell battery handle.
- Package Contents:
 - Halogen Ophthalmoscope BXa head
 - C cell battery handle
 - Spare bulb
 - Carrying case
- Bulb: Model No. L-30 (3V, 2W)

Halogen Ophthalmoscope

BXα-13A



- Used with AA cell battery handle.
- Package Contents:
 - Halogen Ophthalmoscope BXa head
 - AA cell battery handle
 - Spare bulb
 - Carrying case
- Bulb: Model No. L-30 (3V, 2W)

Halogen Ophthalmoscope (Rechargeable Battery Type)

BXα-RC



- Used with a Li-ion battery.
- Charged by the special Charging Stand RC-III (separately sold).
- Package Contents:
 - Halogen Ophthalmoscope BXa head
 - Rechargeable battery handle
 - Spare bulb
 - Carrying case
- Bulb: Model No. L-29 (4V, 3W)



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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 .



DIRECT OPHTHALMOSCOPE

BXα



Halogen Ophthalmoscope



BXα-RC
BXα-13
BXα-13A

Charging Stand

RC-III

The Features of the Direct Ophthalmoscope BXα



Smooth Illumination Control

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



Powered by Li-ion Battery

- The BXα-RC can be stored in the table-top charger while charging.
- *The BXα-RC is turned off while charging. No need to operate the power switch.
* For RX-RC



Basic Functions



Polarizing Filter

It is theoretically and experimentally confirmed that the corneal reflex in the fundus observation is minimized by inserting two polarizing filters with the polarization axes mutually perpendicular into the illumination system and observation system. However, the entire fundus image gets dark, and this is regarded as the drawback of this method. To solve this point, Neitz made the polarizing filter in the observation system rotatable to achieve the best balance between the corneal reflex and the brightness of the fundus image by changing the angle at which two polarization axes cross each other.



Auxiliary Lens

The Auxiliary Lens corrects the diopter from -36D to +35D in increments of 1D. The lens disc rotates endlessly and a large amount of change of the diopter is smooth.



Aperture Shutter

When ending to use the ophthalmoscope, shut the Aperture Shutter to prevent foreign materials from entering the optical system.



Direct-reading Diopter Indicator

Even when using the Auxiliary Lens for observation of high myopia or high hyperopia, the diopters on the correction lens can be read directly. The Diopter Indicator is illuminated and clearly readable in a dark room.



Illumination Dial

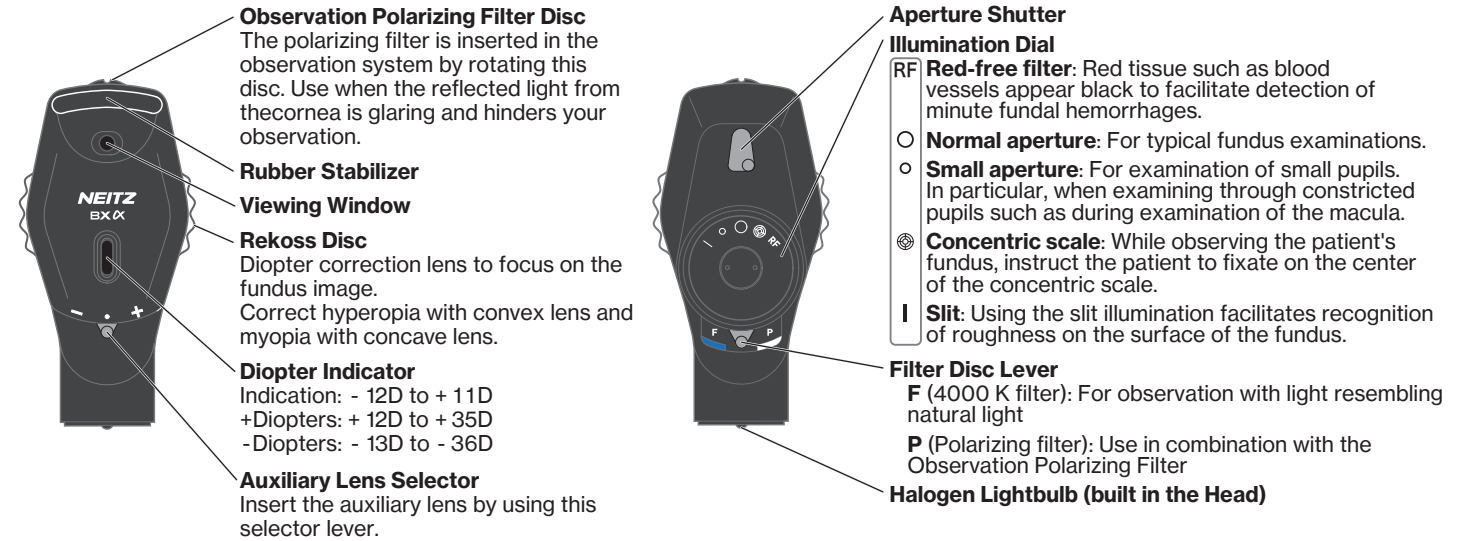
To select the small aperture for observation of macula, slit to recognize the roughness on the surface of the fundus, red-free filter to make blood vessels appear clear, and the concentric scale.



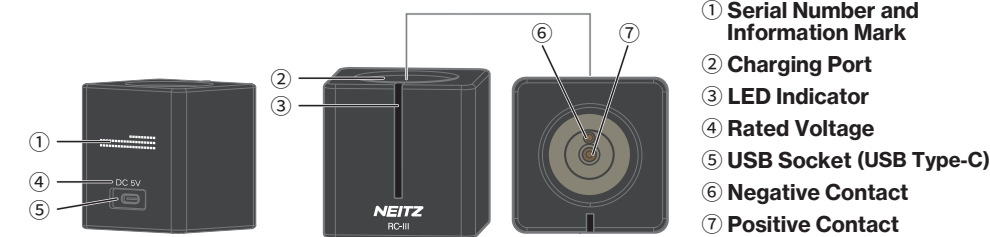
Filters

With a flip of the filter disc lever, the 4000K filter and the polarizing filter are selected. The filters can be used in combination with the apertures selected via the Illumination Dial.

Various Functions



Charging Stand RC-III



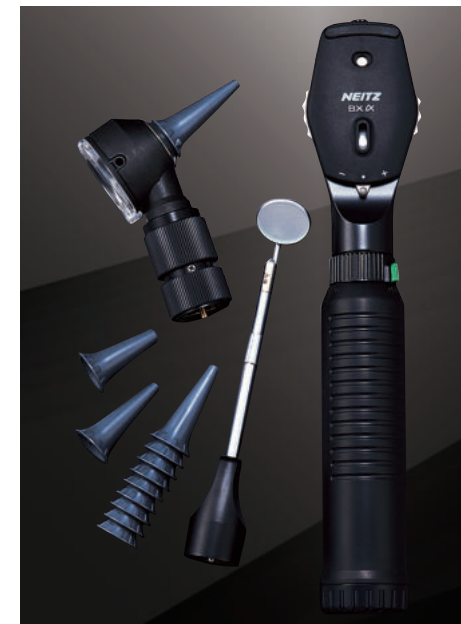
Accessory



Carrying case

Halogen Diagnostic Set

BX α-12345FO



- Used with C cell battery handle.
- Used for diagnosis of eye, ear, nose and throat.
- Package Contents:
 - Halogen Ophthalmoscope BXα head
 - Otoscope with 2 types of speculas (10pcs, each of 2.5mm and 4.0mm, Disposable)
 - Laryngoscope
 - C cell battery handle
 - Spare bulb for Ophthalmoscope
 - Spare bulb for Laryngoscope
 - Carrying case
- Bulbs:
 - Ophthalmoscope: Model No.L-30 (3V, 2W)
 - Otoscope: Model No.L-169 (3V, 0.06W)
 - Laryngoscope: Model No.L-06 (3V, 0.9W)

Halogen Ophthalmo-Otoscope Set

BX α-134FO



- Used with C cell battery handle..
- Used for diagnosis of eye, ear and nose.
- Package Contents:
 - Halogen Ophthalmoscope BXα head
 - Otoscope with 2 types of speculas (10pcs, each of 2.5mm and 4.0mm, Disposable)
 - C cell battery handle
 - Spare bulb for Ophthalmoscope
 - Carrying case
- Bulbs:
 - Ophthalmoscope: Model No.L-30 (3V, 2W)
 - Otoscope : Model No.L-169 (3V, 0.06W)

Fiber Oscope

α-34FO



- Used with C cell battery handle.
- Used for diagnosis of ear and nose.
- Package Contents:
 - Otoscope with 2 types of speculas (10pcs, each of 2.5mm and 4.0mm, Disposable)
 - C cell battery handle
 - Carrying case
- Bulb:
 - Otoscope : Model No.L-169 (3V, 0.06W)

* The specula is disposable. Never reuse it.