Halogen Ophthalmoscope

BX %-13



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

Halogen Ophthalmoscope **BX %** - 13A



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

Halogen Ophthalmoscope (Rechargeable Battery Type)







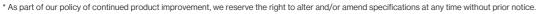
- Used with a Li-ion battery.
- Charged by the special Charging Stand RC-III (separately sold).
- Package Contents:
- Halogen Ophthalmoscope BXa head
- Rechargeable battery handle
- Spare bulb
- Carrying case Bulb: Model No. L-29 (4V, 3W)



Neitz Instruments Co., Ltd.

4F Ichibancho Court, 15-21, Ichibancho, Chiyoda-ku, Tokyo 102-0082, Japan Phone: +81-3-3237-0552 Fax: +81-3-3237-0554 URL: https://www.neitz.co.jp/en/

Distributor



* The colors in the catalog may be slightly different from those of the actual products.



The Features of the Direct Ophthalmoscope BXa



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



NEITZ

BXA

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

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



Observation Polarizing Filter Disc

The polarizing filter is inserted in the observation system by rotating this disc. Use when the reflected light from thecornea is glaring and hinders your observation

Rubber Stabilizer Viewing Window

Rekoss Disc

Diopter correction lens to focus on the fundus image.

Correct hyperopia with convex lens and myopia with concave lens.

Diopter Indicator

- Indication: 12D to + 11D +Diopters: + 12D to + 35D
- -Diopters: 13D to 36D

Auxiliary Lens Selector

Insert the auxiliary lens by using this selector lever



Aperture Shutter

Illumination Dial

- RF Red-free filter: Red tissue such as blood vessels appear black to facilitate detection of minute fundal hemorrhages.
- O Normal aperture: For typical fundus examinations.
- Small aperture: For examination of small pupils. In particular, when examining through constricted pupils such as during examination of the macula.
- Concentric scale: While observing the patient's fundus, instruct the patient to fixate on the center of the concentric scale.
- I Slit: Using the slit illumination facilitates recognition of roughness on the surface of the fundus

Filter Disc Lever

F (4000 K filter): For observation with light resembling

P (Polarizing filter): Use in combination with the Observation Polarizing Filter

Halogen Lightbulb (built in the Head)

Charging Stand RC-III



- 1) Serial Number and Information Mark
- (2) Charging Port
- ③ LED Indicator
- 4 Rated Voltage
- (5) USB Socket (USB Type-C)
- 6 Negative Contact
- (7) Positive Contact

Accessory



Carrying case

Halogen Diagnostic Set

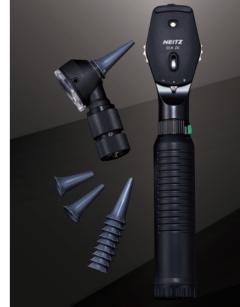
BX &-12345F0



- 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)
- LaryngoscopeC 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 &-134F0



- 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
- Ophthalmoscope: Model No.L-30 (3V, 2W)
- Otoscope : Model No.L-169 (3V, 0.06W)

Fiber Otoscope **X**-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.