

Rechargeable Battery Pack BP-Li (Option)

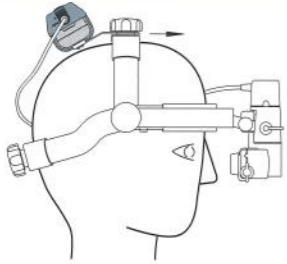
BP-Li is designed specifically for IO- α and make it to be used as rechargeable instrument.



- High speed recharging of Lithium Ion Battery "2400RS" of exclusive use.
- The design for detachable battery pack from the recharger provides its compactness and light weight.
- Easy and certain operation of recharging and connection to instrument.
- Valiable attachements in choice correspond to various situations of use.

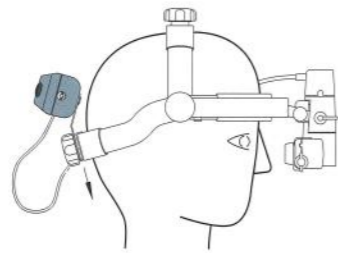
Examples for Mounting

Top of Headband

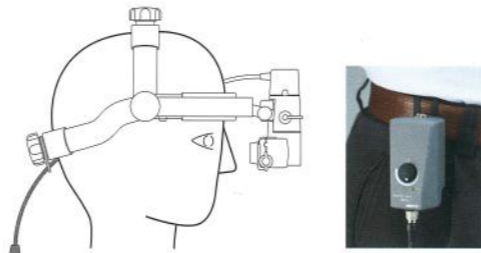


Mounting on Headband provides cordless operation.

Back of Headband



Carrying



Carrying on belt with attachment or in pocket.



Contents

- ① AC Adapter
- ② Neck Strap
- ③ Extension Cord
- ④ Recharger
- ⑤ Lithium Ion Rechargeable Battery (2400RS)
- ⑥ Battery Pack BP-Li (Main Unit)
- ⑦ Belt Hook
- ⑧ Head Band Hook and Fixing Screw (2 pcs.)
- ⑨ Tying Ring

IO- α of the latest version can be operated as cordless with BP-Li. In case of IO- α of some old version, the following Lamp House Conversion Kit (⑩, ⑪) is required additionally.

Lamp House Conversion Kit



- ⑩ Lamp House with 0.6M cord
- ⑪ Extension Curl Cord

Specifications

Battery Pack (Main Unit)

- Dimension: 48 × 83 × 49mm
- Weight: 75g (w/o Battery and Accessory)

Lithium Ion Rechargeable Battery (2400RS)

- Dimension: 39 × 72 × 21mm
- Weight: 108g
- Battery Capacity : 2400mAh

Package

- Dimension: 310 × 190 × 90mm
- Total Weight: 800g

* Specifications and appearance are subject to change (for improvement) without notice.

NEITZ



NEITZ HALOGEN BINOCULAR INDIRECT OPHTHALMOSCOPE

IO- α

Small Pupil

NEITZ

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*11.8.2000/D(GK)

NEITZ pursues Comfort and Flexibility. Everything is User-Friendly.

- The optics system can adjust the Illumination Light Mirror and the Observation Mirrors separately and individually that it provides the absolute flexibility in choice of the observation angle even for the periphery of the retina. It serves the maximum freedom in any severe and rare angle.
- The coaxial adjustment knob for the Illumination Light Mirror and the Observation Mirrors can be operated respectively and continuously with one single hand. The instant and precise shifting to all pupil size at any observation angle is simply on the tip of your finger.
- The newly adopted Head Pad of Wet Suit Material secures the durable wearing of the head band and the utmost comfort. This Washable material is ideal for keeping your instrument neat and clean in use.

New Color of Head Pad

Three different colors, Grey, Red and Blue, of the Head band are available at your choice. (Optional. Grey Head Pad is set in the standard package.)



- **A Illumination Angle Adjustment Knob :**
For adjustment of illumination angle according to the size of pupils.
- **B Observation Angle Adjustment Knob :**
Observation Angle can be adjusted for either small or dilated pupils.
- **C Filter Change Lever :**
UV, blue and red-free filters can be changed.
- **D Aperture Change Lever :**
3 different lighting areas of $\phi 19\text{mm}$, $\phi 50\text{mm}$, $\phi 80\text{mm}$ can be selected.

Accessory (Complete set)

■ **Transformer:**
The transformer can be used either on the wall or on the desk.



Photo: Transformer and PSU-S, Transformer Stand (The stand is option)



■ **Scleral Depressor:**
Scleral Depressor can be sterilized.

■ **Teaching Mirror**

■ **Detachment Chart**
■ **Carrying Case**

Specifications

● Pupillary Distance : 54mm to 74mm ● Observable diameter of pupils : From $\phi 2\text{mm}$ ● Illumination Area : $\phi 19\text{mm}$, $\phi 50\text{mm}$, $\phi 80\text{mm}$ (at the distance of 50cm) ● Filters : UV, Blue, Red-Free filters ● Bulb: 6V, 10W Halogen bulb(L-51) ● Headband Adjustment Range : 53mm-63mm(Depth is also adjustable) ● Instrument Dimensions : 230mm(W) × 310mm(D) × 250mm(H) ● Instrument Weight : 480g ● Voltage Input : AC 120V or 230V ● Power Frequency : 50/60Hz ● Maximum Power Consumption : 20VA

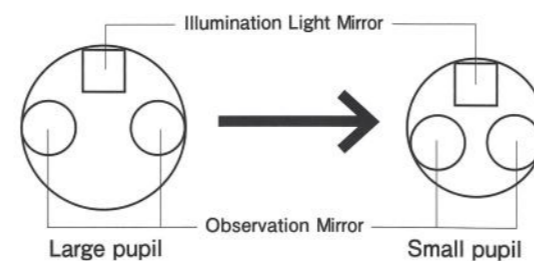
OPTICS SYSTEM

In our system, Illumination Light Mirror and Observation Mirrors can be operated respectively and stepslessly.



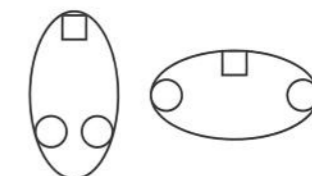
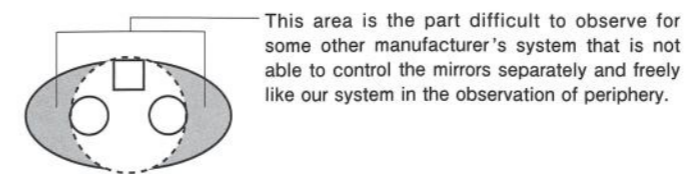
■ Small pupil

When examining even a Small pupil, the stereoscopic fundus image can be realized in the observation the same as a Large pupil because of capability of moving both mirrors of Illumination Light and Observation into the pupil area.



■ Elliptical pupil

Such system - able to adjust the position of the Illumination Light Mirror and the Observation Mirrors respectively and stepslessly - is absolutely serviceable for observation of periphery in most of cases.



The ability to control the mirrors separately and individually can engage at once the mirrors being positioned within any vertical or horizontal oblong that corresponds to the pupil looking elliptical in some observation angle.

In observation of the periphery of fundus, IO- α serves the full illuminated image through the elliptical pupil owing to the said ability of adjustment.