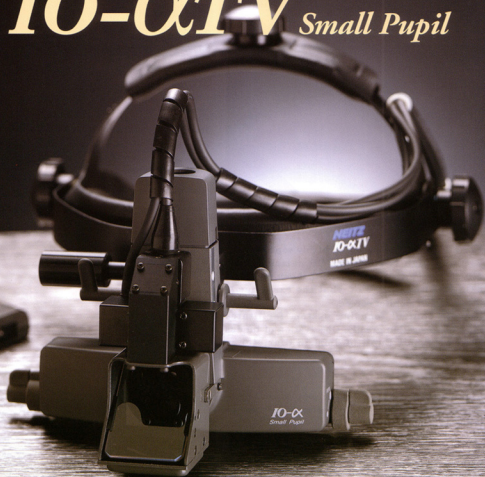


NEITZ

BINOCULAR INDIRECT OPHTHALMOSCOPE WITH CCD CAMERA

IO- α TV *Small Pupil*



***NON-MIRROR IMAGE on monitor screen.
Focusing by REMOTE CONTROL.***

Highly Sophisticated BIO (small pupil) combined with High Resolution CCD Camera that can provide a very clear image of what the examiner is observing on monitor screen.

NEITZ INSTRUMENTS CO., LTD.

IO- α TV *Small Pupil*



● NON-MIRROR IMAGE on monitor screen :

IO- α TV is the combination of highly sophisticated BIO and high resolution CCD camera (NTSC 410,000 pixel/PAL 470,000 pixel) that can provide a NON-MIRROR image of what the examiner is observing on monitor screen.

Remote control focusing system facilitates focusing operation greatly. Observation of fundus through Small Pupil of 2mm in diameter is possible.

● EASY SETUP :

The control section and power supply section are combined in one box, and the setup is very simple and easy.

● CONNECTION TO VIDEO PERIPHERIES :

The system comes with video signal output terminal for connection to video peripheries such as TV monitor, video printer, VCR, e.t.c.

SPECIFICATIONS

BIO

- Pupillary distance : 54~74mm
- Observable Diameter of Pupil : Minimum 2mm
- Illumination Area : ϕ 15mm, ϕ 30mm, ϕ 47mm (At a distance of 400mm)
- Light Bulb : 6V 10W Halogen bulb
- Filters : UV, Cobalt Blue, Red-Free
- Head Band Adjustment Range : 530mm~630mm (Depth is also adjustable)

CAMERA

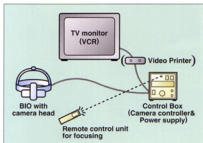
- Image sensor : 1/3inch Color CCD
- Effective Picture Element : approx. 410,000 pixels (PAL : Approx. 470,000 pixels)
- Horizontal Resolution : 470 TV Lines (PAL : 460 TV Lines)
- Focusing Distance : 250~550mm
- Video Output : NTSC composite & Y/C (PAL composite & Y/C)
- Weight : Indirect Ophthalmoscope with CCD camera 700g. (Including head band and cord)

REMOTE CONTROL UNIT

- Power Source : 2PCS of AAA Cell Dry Batteries
- Transmission System : IR
- Transmission Distance : 7m
- Transmission angle : Max. 30° from axis
- Weight : 100g

POWER REQUIREMENT

- MAIN UNIT :
- Voltage Input : AC 120V or 230V
- Maximum Power Consumption : 60VA



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