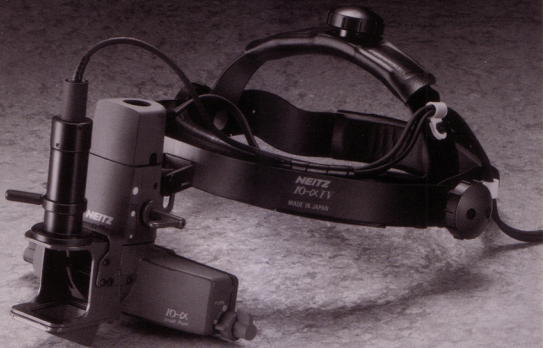


NEITZ



INDIRECT OPHTHALMOSCOPE VIDEO SYSTEM

IO- α TV

A Light and High Resolution BIO with a CCD camera that allows an examiner to observe and record the fundus image even through a SMALL PUPIL.

NEITZ INSTRUMENTS CO., LTD.

The Neitz IO- α TV is a light weight BIO Video System with very high resolution. By combining Japan's most advanced CCD camera technology with the known Neitz BIO IO- α (Small Pupil), the new IO- α TV Video System offers an exceptionally clear video-recorded fundus image. This is ideal for the education of ophthalmology students, patients etc.

The 410,000 pixel highly effective CCD camera guarantees an image of extremely high resolution.

The system weighs only 690 grams and it is approximately 20% lighter than it's former model, IO-TV. The cushioned head band of the IO- α TV always provides comfort when the system is in use.

With the IO- α TV, an examiner can observe the fundus image even through a SMALL PUPIL of 2mm in diameter and video-record it or view it on a monitor.

Specifications

Scope Section :

Pupillary Distance	: 54 - 74mm
Observable Diameter of Pupil	: Minimum 2mm
Illumination Area	: \varnothing 19mm, \varnothing 40mm, \varnothing 60mm (At a distance of 500mm)
Light Bulb	: 6V 10W Halogen bulb
Filters	: UV, Blue, Red-Free
Head Band Adjustment Range	: 53 - 63mm (Depth is also adjustable)

Camera Section :

Image sensor	: 1/3 Inch Color CCD
Effective Picture Element	: Approx. 410,000 pixels
Horizontal Resolution	: 460TV Lines
Focusing Distance	: 300 - 800mm
Video output	: 1.0V (P-P) 75 Ω NTSC composite / PAL composite
Weight	: Indirect Ophthalmoscope with CCD camera 700grms. (including head band and cord)

Power Supply Unit :

Voltage Input	: AC 100V, 120V (Interchangeable) / AC 230V (Fixed)
Maximum Power Consumption	: 50VA

Contents :

IO- α TV main unit, Transformer, Camera controller, AC adapter for camera controller, Video cable, Camera cable, Scleral depressor, Spare bulb L-51(1pc)



AL-MOSABID CLARABI
AGENT IN SAUDI ARABIA

NEITZ NEITZ INSTRUMENTS CO., LTD.

35-11, NAKAMITSU CHI SHIMIZU-KU, TOKYO 162, JAPAN.
PHONE: 03(3374) 3357 FAX: 03(3374) 7758 TELEX: NEITTED J25204