Highly effective and ergonomically designed, Mydriatic Fundus Cameras. With the optional ICG filter, VX-10i becomes the perfected fundus camera performing all non-mydriatic color, mydriatic color, FA and ICG!!

Adapted to the Newly Developed CCD camera

Adapted to High-Performance Digital CCD camera

Combined with the 2.1 mega pixel 3CCD Sony DXC-990, images can be taken at proper exposure. The angle 30° is particularly effective for retina disease diagnosis (angio phase for ICG).

Adapted to the VK-2, Adapted to Internal Networking

Linked to the Digital Imaging system, all images can be sent and stored through a UWF (User Network) making integrated one of an integrated network system of your own.

With the VX-10i, camera of extended possibilities

With the VX-10, two-in-one non-mydriatic and mydriatic Fundus Cameras. Highly effective and ergonomically designed, the ideal tool for eye-care professionals!

Various Photographic Modes

Non-Mydriatic Photography

2 Optical Angles

In this mode, angles 30° and 60° are already selected, making it perfect for both non-mydriatic and mydriatic photography.

Mydriatic Photography

2 Optical Angles

In this mode, angles 60° and 120° are already selected, making it perfect for both non-mydriatic and mydriatic photography.

Snell-Pug Photography

For patients who have a ciliary body or pupil opacity, aberrations, the built-in small pupil mode enables photography if the pupil diameter is more than ø4.0 mm. (angle 45°)

Fenestration makes the VX-10i, camera of extended possibilities

With the VX-10, two-in-one non-mydriatic and mydriatic Fundus Cameras. Highly effective and ergonomically designed, the ideal tool for eye-care professionals!

Even more easier, even more user-friendly
Non-mydriatic color / mydriatic color / fluorescein angiography in just one camera!
The new VX-10i, featuring an optional ICG function, is adding enhanced capabilities to an already powerful fundus camera.

**Simple operations**

- **Mydriatic**
  - Bright Spot Panel: Snellen Fixation Method, Long Eye Relief Design, etc.
  - Snellen fixation is easy to adjust by simply pulling the 2 right-and-left luminous spots with the joystick at hand; focusing adjustment is also easy with the point matching method.

- **Non-mydriatic**
  - Mydriatic (+ angle) 8.5°, non-mydriatic mode 4mm
  - Viewfinder (working distance alignment)

**Multiple Step Flash for Proper Exposure in the Various Photographic Modes**

- A wide range of light exposures assures proper exposure in every mode. Moreover, visible light can be eliminated when taking digital images, light exposure is significantly reduced.

**Working Distance Guidance and Focus Detection Functions for Clear and Sharp Images**

- Alignment is made by simply adjusting the 2 right-and-left luminous spots with the joystick at hand; focusing adjustment is also easy with the point matching method.

**Clear Viewfinder with the Long Eye Relief Design**

With a long eye relief, the clear userdata allows comfortable photography.

---

**Photographic Angles**

- **Mydriatic**
  - 1° ~ 37° (vertical), 1° ~ 32° (horizontal)
- **Non-mydriatic**
  - 1° ~ 37° (vertical), 1° ~ 32° (horizontal)

**Working Distance**

- **Mydriatic**
  - 23mm
- **Non-mydriatic**
  - 27mm

**Viewfinder**

- **Mydriatic**
  - Lightfield 90mm
- **Non-mydriatic**
  - Lightfield 22mm

**Diopter Compensation Range**

- **Mydriatic**
  - – 12D ~ + 13D
- **Non-mydriatic**
  - – 8D ~ + 5D

**Working Distance Adjustment**

- **Mydriatic**
  - 39mm (between objective lens and cornea)
- **Non-mydriatic**
  - 30mm (between objective lens and cornea)

**Focusing Luminescence**

- **Mydriatic**
  - Two luminescent points display (ON / OFF switch)
- **Non-mydriatic**
  - 2 luminescent points display (ON / OFF switch)

**Filter**

- **Mydriatic**
  - Barrier & exciter filter, electronic powered insertion
- **Non-mydriatic**
  - Red / green, blinking

**Barrier & Exciter Filter**

- **Mydriatic**
  - Red / green, blinking
- **Non-mydriatic**
  - Red / green, blinking

**ICG Function**

- **Mydriatic**
  - Fixable (option)
- **Non-mydriatic**
  - – 2 steps ± 3 steps

**Fluorescein Photography**

- **Mydriatic**
  - Fixable (option)
- **Non-mydriatic**
  - – 2 steps ± 3 steps

**Video Input**

- **Mydriatic**
  - Composite
- **Non-mydriatic**
  - Composite

**Video Output**

- **Mydriatic**
  - Composite
- **Non-mydriatic**
  - Composite

**LCD Monitor**

- **Mydriatic**
  - Split screen (Focusing)
- **Non-mydriatic**
  - Split screen (Focusing)

---

**Non-mydriatic photography**

- When using 35mm film, 0D
- When using Polaroid camera back, +1D

**Mydriatic photography**

- Mydriatic mode: – 32D (with – compensation lens)
- Non-mydriatic mode: – 12D ~ + 13D

**Patient’s Eye**

- **Mydriatic**
  - Diopter compensation range: – 10D ~ – 32D (with – compensation lens)
- **Non-mydriatic**
  - Diopter compensation range: – 12D ~ + 13D

**Diopter Compensation Range**

- **Mydriatic**
  - – 10D ~ – 32D (with – compensation lens)
- **Non-mydriatic**
  - – 12D ~ + 13D

**Filter Compensation Range**

- **Mydriatic**
  - – 10D ~ – 32D (with – compensation lens)
- **Non-mydriatic**
  - – 12D ~ + 13D

---

**Chart, Data Card Photography**

Chet, data card can easily be photographed with Polaroid film.

**Polaroid Film**

- Polaroid Film: ISO600
- 35mm color film: ISO100
- Fluorescein: ISO400 (3 times development)

---

**Audible Warning**

- **Mydriatic**
  - 600WS – 19 steps
- **Non-mydriatic**
  - 300WS – 19 steps

**Viewing Illumination**

- **Mydriatic**
  - 300WS ~ 0.6WS  19 steps
- **Non-mydriatic**
  - 300WS ~ 0.6WS  19 steps

**Power Consumption**

- **Mydriatic**
  - V     50W
- **Non-mydriatic**
  - V     50W

---

**Polaroid Film**

Polaroid Film:  ISO600

**Film Speed**

- **Mydriatic**
  - Projected Film: 3000ASA
- **Non-mydriatic**
  - Projected Film: 3000ASA

**Dimensions**

- **Mydriatic**
  - 392(H)mm × 227(W)mm × 222(D)mm
- **Non-mydriatic**
  - 392(H)mm × 227(W)mm × 222(D)mm

**Weight**

- **Mydriatic**
  - approx. 40kg
- **Non-mydriatic**
  - approx. 37kg

**Photographic Magnification**

- **Mydriatic**
  - 1
- **Non-mydriatic**
  - 1

**Photographic Angles**

- **Mydriatic**
  - 2° ~ 25°
- **Non-mydriatic**
  - 2° ~ 25°

**Film Speed**

- **Mydriatic**
  - Projected Film: 3000ASA
- **Non-mydriatic**
  - Projected Film: 3000ASA

**Dimensions**

- **Mydriatic**
  - 392(H)mm × 227(W)mm × 222(D)mm
- **Non-mydriatic**
  - 392(H)mm × 227(W)mm × 222(D)mm

**Weight**

- **Mydriatic**
  - approx. 40kg
- **Non-mydriatic**
  - approx. 37kg

**Photographic Magnification**

- **Mydriatic**
  - 1
- **Non-mydriatic**
  - 1

**Photographic Angles**

- **Mydriatic**
  - 2° ~ 25°
- **Non-mydriatic**
  - 2° ~ 25°

---

**Operationally Focused, Darkness-Adapted Navigation Panel**

This navigation panel contains buttons illuminated to allow quick and accurate operations even in darkroom.

**LCD Monitor**

- **Mydriatic**
  - Split screen (Focusing)
- **Non-mydriatic**
  - Split screen (Focusing)

---

**Clear Viewfinder with the Long Eye Relief Design**

With a long eye relief, the clear userdata allows comfortable photography.