

Kowa



Technology for Life Science

Two-In-One Non-Mydriatic and
Mydriatic Fundus Cameras.

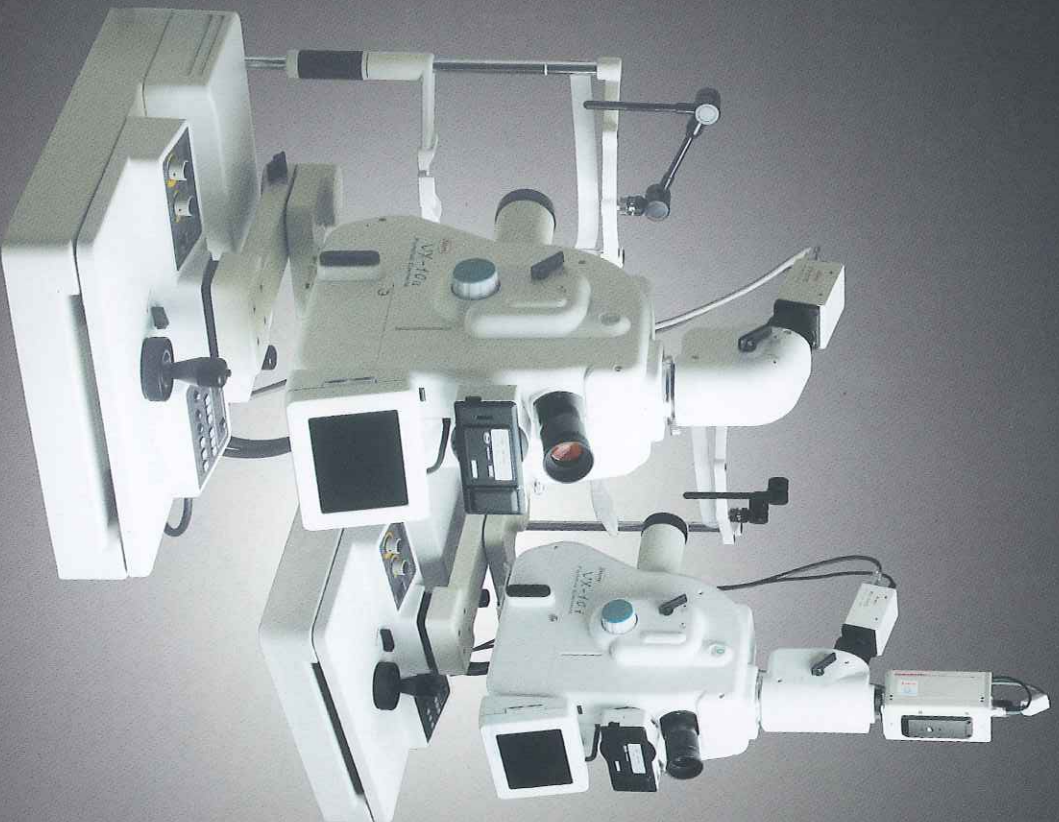
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VX-10α

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VX-10i

(With ICG function)





Photographic Angles	Mydriatic (Small pupil mode: 45° 27°) (VX-10i : 50° for ICG(option)) Non-Mydriatic 45° 27°
Photographic Magnification ※1	50° ⇒ 2.0X 30° ⇒ 3.0X
Picture Size	35mm Film: φ26mm×22mm Oval
Working Distance	39mm (between objective lens and cornea)
Minimum Pupil Diameter	Non-Mydriatic mode φ4mm Mydriatic mode φ5.5mm (small pupil mode φ4mm)
Focusing Luminescence	Point Matching Method (ON/OFF switch)
Diopler Compensation Range (Patient's Eye)	-12D ~ +13D +10D ~ +35D (with + compensation lens) -10D ~ -32D (with - compensation lens)
Diopler Adjustment Range	-8D ~ +5D
Working Distance Adjustment	2 luminescent points display (ON / OFF switch)
Viewing Illumination	12V 100W Halogen lamp
Flash for Photography	300WS Xenon flash lamp
Flash Compensation	± 3 steps
Internal Fixation Target	4 fixed dots right or left eye switching (Non-Mydriatic mode)
External Fixation Target	red / green, blinking
Amount of Exposure	0.6WS ~ 300WS 19 steps Proper exposure automatically set, based on angle of field and film sensitivity
Filter	Barrier filter, exciter filter electronic powered insertion
Fluorescein Photography	Photographic interval: 1 frame / sec. or at will
ICG Function	Option for VX-10i only
Monitor	5.6 inch, LCD monitor
Data Imprinting	Timer and handwritten data
Film Speed	35mm color film: ISO100 Fluorescein: ISO400 (3 times development)
Movement Range	Forward / backward (gross) 90mm (micromotion) approx.22mm
	Left / right (gross) 140mm (micromotion) approx.22mm
	Up / down 30mm
	Tilt (angle) 15° (+angle) 8.5°
Power Supply	Horizontal swing (left/right) 30°
	Input:AC100-240V 50/60Hz
Dimensions	Power Consumption:280VA (normal) 1500VA (max)
	400(W)×520(D)×620(H)mm
Weight	35.5kg/78lbs ※2

※ 1 When using 35mm film, 0D

※ 2 Without video adaptor

- ※ All other companies and product names stated here are trademark or registered trademark of each company. Distribution name: KOWA VX-10
- ※ All specification and external design are subject to change without prior notice. Distribution name: KOWA VX-10i

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