



NEW

TRC-50X

RETINAL CAMERA



SPECIFICATIONS

Angle of coverage:	50°, 35° and 20°
Working distance:	39.9mm
Area photographed:	25mm diameter (22mm on short side) on 35mm film.
Photographic magnifications:	With 35mm camera at zero diopter: 1.6X at 50°, 2.5X at 35° and 3.7X at 20°
Total observation magnification (at zero diopter):	10X at 50°, 13.4X at 35° and 19.8X at 20°
Diopter compensation range for patient's eye:	0 setting: -10 to +6 diopter + setting: +5 to +23 diopter - setting: -23 to -9 diopter A setting: Ocular anterior photography (-22 to +41 diopter)
Astigmatic correction range:	30 rotating angle: 180° 60 rotating angle: 180°
Filters:	Fluorescein photography: Spectrotech type interference filters Red free photography: Green filter Others filters: Two blank settings for inserting filters of user's choice.
Illumination diaphragm:	Three step (N, S, FF) changing system for patient's pupil size.
Data photography:	Hand written data, exposure number or time can be selected. Six digit counter coupled to shutter action. Timer activated with timer switch, shows six digit number. In case of time, it shows minute, second and less than two digit second, for example 000000 to 59:59.99. (In case of exposure number, it shows the number from 000000 to 999999. Exposure number and timer can be changed by timer switch.
Base movements:	Coarse: 80mm longitudinally, 110mm laterally. Fine: 12mm cross-slide adjustment
Optical head swing:	Up to ±30° of the arc lateral swing
Optical head vertical travel:	30mm (15mm up; 15mm down)
Optical head tilt:	15° up; 10° down (Tilt type)
Base movement for stereo photography:	±1mm laterally
Chinrest vertical travel:	80mm
Light source:	For observation: 12V 100W halogen lamp For photography: Max. 300WS Xenon lamp; adjustable in 9 steps Charging time: 1 second
Fixation target:	External fixation target (Can be changed flickering illuminates and continuous illumination)
Power supply unit:	AC 120V, AC 220V and AC 240V, adjustable with voltage selector 50/60Hz
Power consumption:	1500VA
Dimensions (Main body):	340(W) × 503(D) × 630(H)mm
Weight (Main body):	42kg

*Subject to changes in design and/or specifications without advance notice.



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