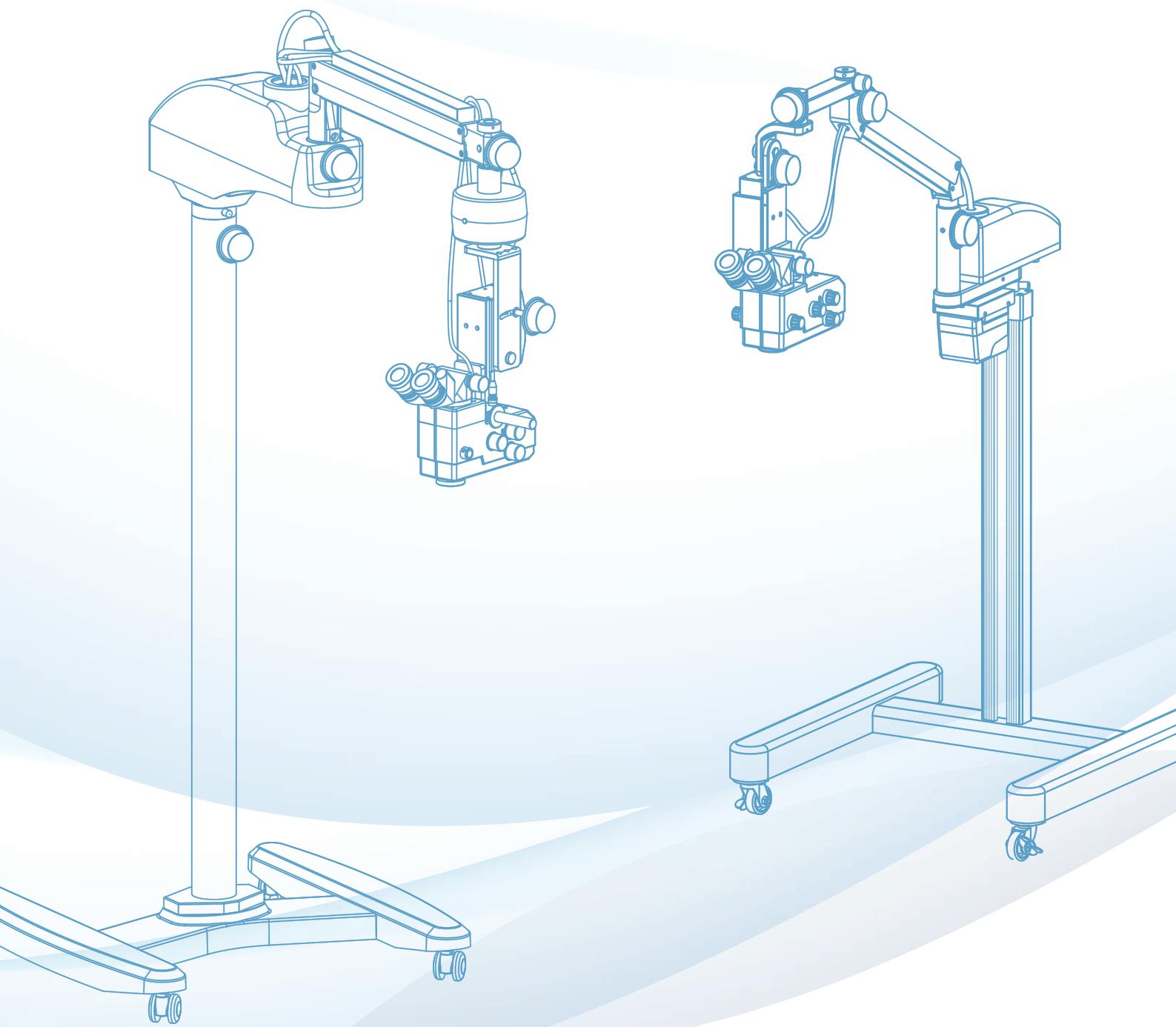




OPERATING MICROSCOPES

Quality Optics



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LED

L-0995AZ

LED Operating microscope (with X-Y)

Cataract
Surgery

Vitreoretinal
Surgery

Other Ophthalmic
Surgery



Motorised
focus



Red reflex



Motorised
X-Y stage



MOTORISED
ZOOM



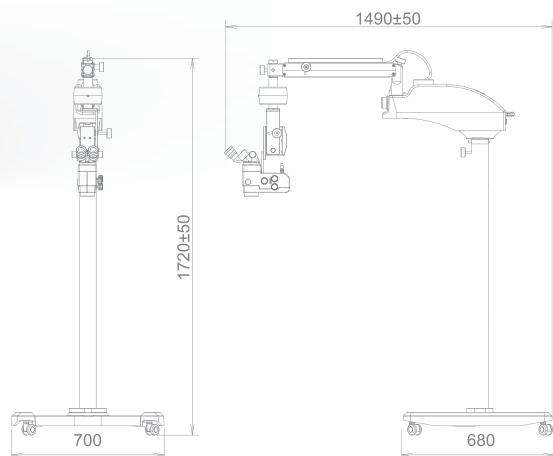
Monitor Option

Wide Angle Viewing System

VOLK[®] SURGICAL **MERLIN**



OCULUS[®]
SDI[®]4 / BIOM[®]5



L-0990A

Operating Microscope (with X-Y)

Cataract
Surgery

Vitreoretinal
Surgery

Other Ophthalmic
Surgery



Motorised
X-Y stage



Motorised
focus

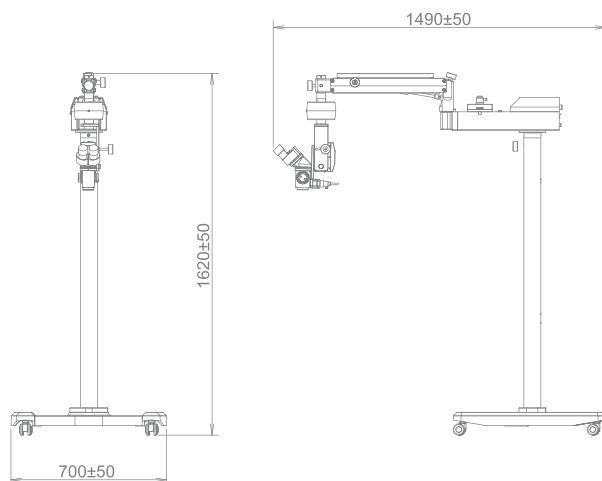
Other functions

Foot remote controller,
Continuous light intensity controller
Various filters



5 STEP MAG

3.2x, 4.8x, 8x, 12.8x, 20



L-0990

Operating Microscope

Cataract
Surgery

Vitreoretinal
Surgery

Other Ophthalmic
Surgery



Motorised
focus

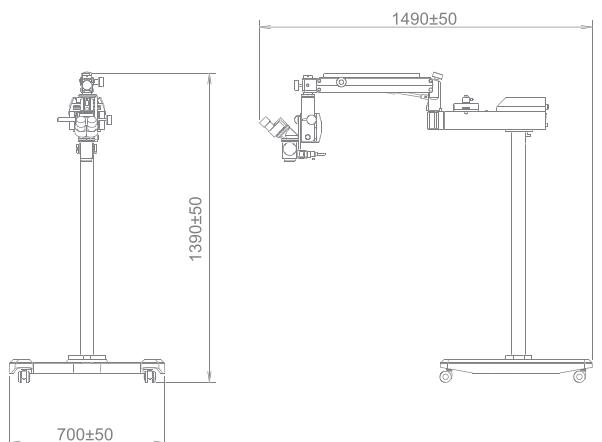


5 STEP MAG

3.2x, 4.8x, 8x, 12.8x, 20

Other functions

Foot remote controller,
Continuous light intensity controller
Various filters



LED

L-0955XD



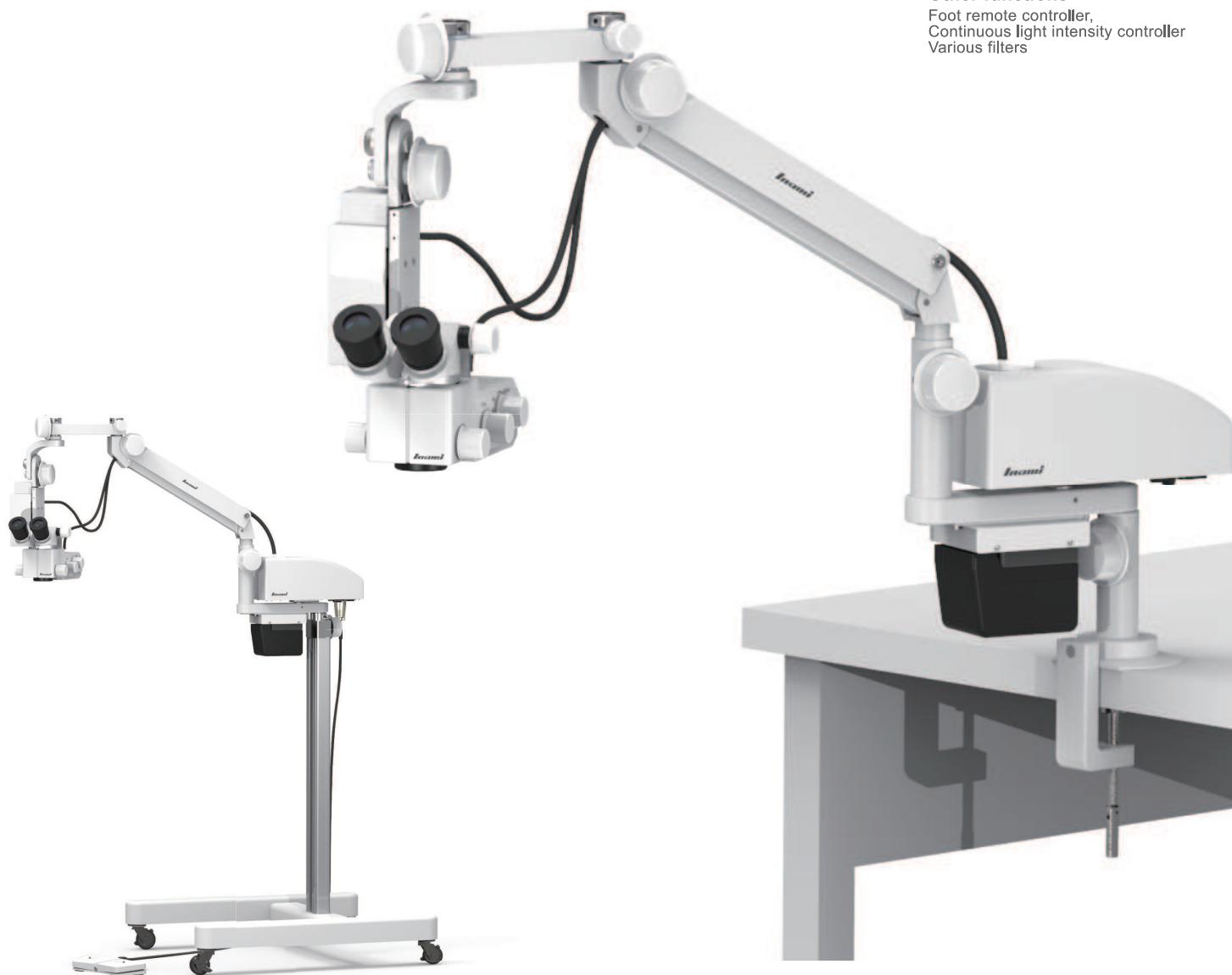
3Dview

Cataract
SurgeryEye
CampOther Ophthalmic
SurgeryPlastic
SurgeryMANUAL
ZOOM
5x-15x

Carrying case

Motorised
focusLithium Ion
Battery**Other functions**

Foot remote controller,
Continuous light intensity controller
Various filters



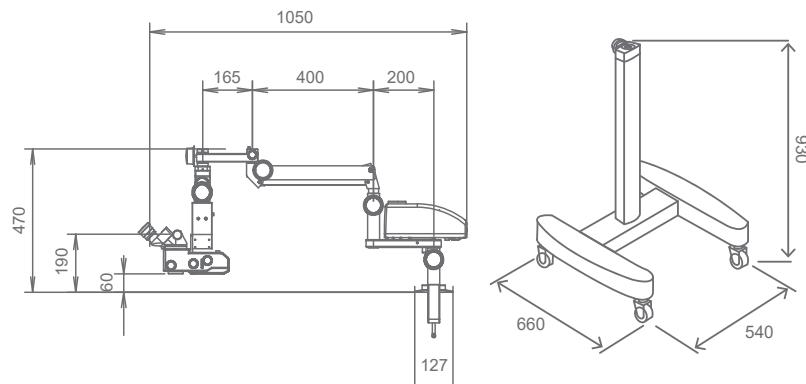
With optional pole and base (K-1422)



L-0955 series can be securely contained in a high quality lockable carrying case with TSA lock system and vibration-resistant casters that ensure safe and smooth transportation of the microscope during travel.



With the optional pole and base(K-1422), L-0955 series can be used as a stand type operating microscope.



LED

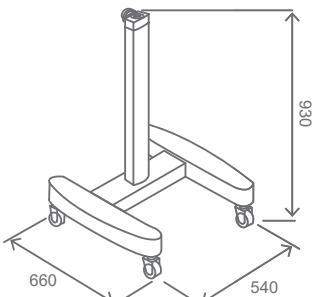
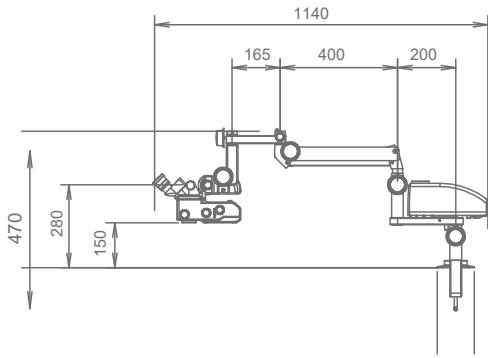
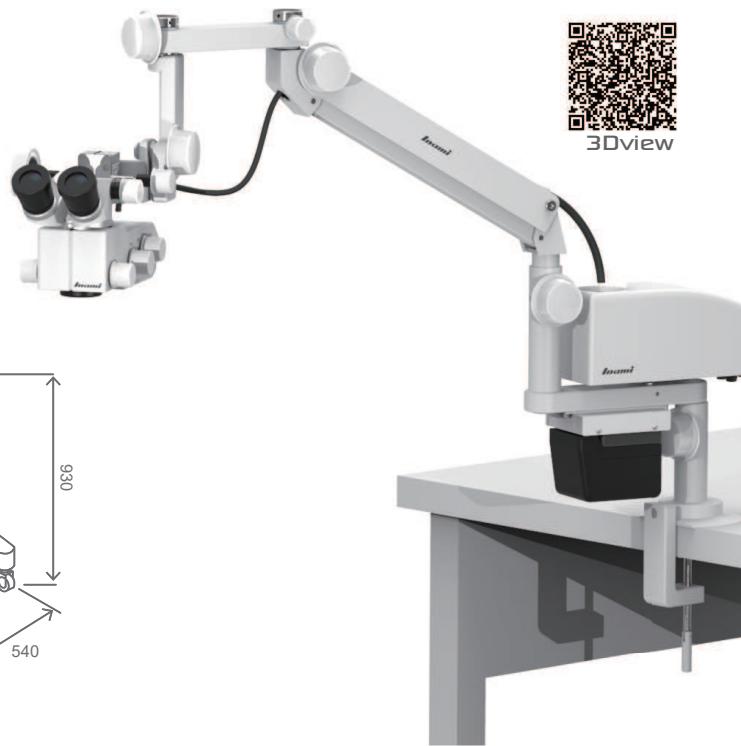
L-0955SD

Cataract
SurgeryEye
CampOther Ophthalmic
SurgeryPlastic
Surgery

L-0955 series can be securely contained in a high quality lockable carrying case with TSA lock system and vibration-resistant casters that ensure safe and smooth transportation of the microscope during travel.



With the optional pole and base(K-1422), L-0955 series can be used as a stand type operating microscope.

**Halogen**

L-0940SD

Cataract
SurgeryEye
CampOther Ophthalmic
SurgeryPlastic
Surgery

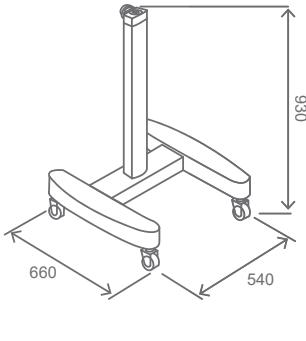
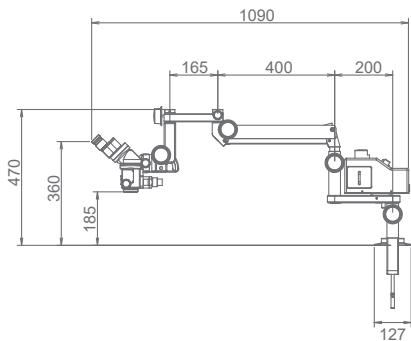
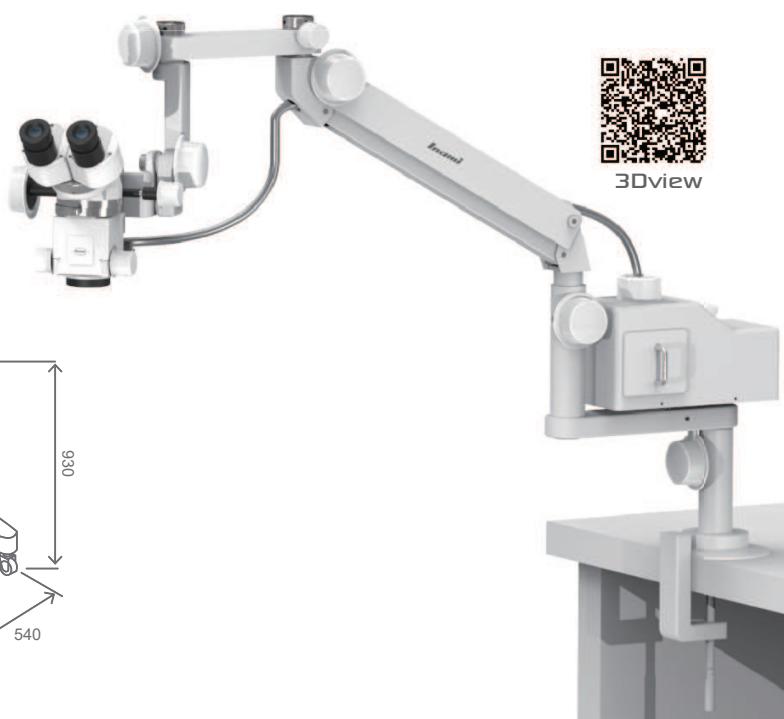
DECA-21



L-0955 series can be securely contained in a high quality lockable carrying case with TSA lock system and vibration-resistant casters that ensure safe and smooth transportation of the microscope during travel.



With the optional pole and base(K-1422), L-0955 series can be used as a stand type operating microscope.



MEGA-10



5 STEP MAG
3.2x, 4.8x, 8x, 12.8x, 20



ENT coupling


 Motorised
focus

Other functions

Foot remote controller,
Continuous light intensity controller
Various filters

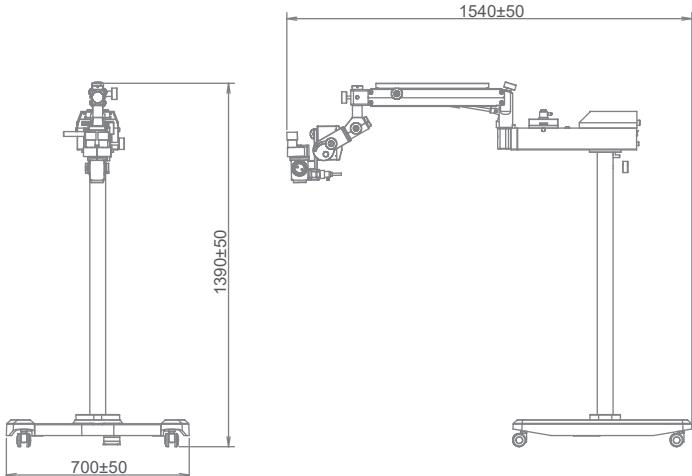
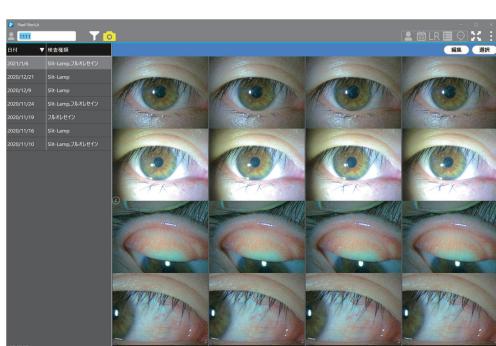


IMAGE PROCESSING SOLUTIONS (Option)



Intuitively considering the ease of use, it is possible to take a true picture, record a movie, and arrange the file. Simple movie camera "This is a dedicated firing software. It provides a network of necessary functions, such as the addition of categories and comments for the patient.



Still image function

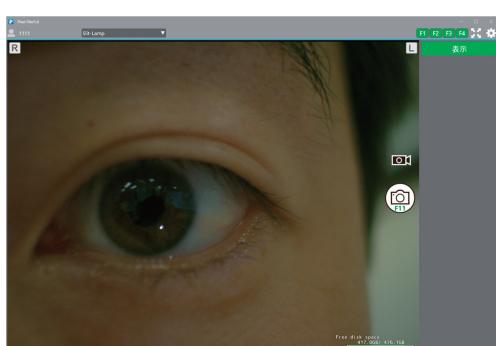
You can select the size of the still image, and you can select single shot or multi-shot (4 shots).

Movie image function

You can shoot for up to 5 hours with compression by MEPG4. You can choose the size of the video.

Image up/down/left/right inversion function

In contrast to optical inversion by optical equipment, it is equipped with a vertical / horizontal image inversion function that matches the production of TV images by digital processing.



Display function

You can select and display the LR display, comment input, patient ID, examination type, and shooting date on the captured image.

Output function

You can export the captured images to a printer or PDF. You can select the display function and output.

Touch panel compatible

If it is a touch panel compatible monitor, you can operate the screen directly with your finger.

Specifications

	L-0995AZ	L-0990A MEGA-80	L-0990 MEGA-21	L-0970 MEGA-10	L-0955SD	L-0955XD	L-0940SD DECA-21
							
Microscope							
Type	Galilean type	Galilean type	Galilean type				
Magnification Changer	Continuous auto zoom	5 Steps by drum rotation	5 Steps by drum rotation	5 Steps by drum rotation	Continuous zoom by drum rotation	Continuous zoom by drum rotation	Continuous zoom by drum rotation
Eyepiece	12.5x	12.5 x	12.5x	12.5x	12.5x	12.5x	15x
Total Magnification	4.4x - 26.4x	3.2x, 4.8x, 8x, 12.8x, 20x	3.2x, 4.8x, 8x, 12.8x, 20x	2x, 3x, 5x, 8.1x, 12.7x	5x - 15x	5x - 15x	6x - 18x
Field of View	Φ48-8mm	Φ51-8mm	Φ51-8mm	Φ103-17 mm	Φ35-10mm	Φ35-10mm	Φ45mm
Pupillary adjustment	54-70mm	50-75mm	50-75mm	50-75mm	50 - 70 mm	50 - 70 mm	54 - 70 mm
Objective Lens	F=200mm (Apochromatic)	F=175mm	F=175mm	F=250mm	F=175mm	F=175mm	F=175mm
Diopter Adjustment	-7D - + 7D	-6D - + 5D	-6D - + 5D	-6D - + 5D	-6D - + 6D	-6D - + 6D	-6D - + 6D
Illumination							
Filter	Retinal protection, Cobalt, Light bulb color	Cobalt, Red free, Heat absorption, 1/2ND	Cobalt, Red free, Heat absorption, 1/2ND	Cobalt, Red free, Heat absorption, 1/2ND	Retinal protection, Cobalt, Light bulb color	Retinal protection, Cobalt, Light bulb color	Cobalt, Red free, Heat absorption, 1/2ND
Light Source	LED	Halogen	Halogen	Halogen	LED	LED	Halogen
Maximum intencity	60,000Lux	110,000Lux	110,000Lux	110,000Lux	45,000Lux	45,000Lux	80,000Lux
Co-axial illumination Field	Φ45mm	Φ50mm	Φ50mm	Φ50mm	Φ45mm	Φ45mm	Φ45mm
Focal Adjustment							
Type	Mortorised	Mortorised	Mortorised	Mortorised	Manual slider	Mortorised	Manual slider
Adjustable Distance	40mm	40mm	40mm	40mm	30mm	40mm	30mm
Focusing Speed	1.3mm/sec	1.3mm/sec	1.3mm/sec	1.3mm/sec	-	1.3mm/sec	-
Head Inclination							
Head Inclination Angle	0°- 30°	0°- 30°	0°- 30°	0°- 30°	0°- 90°	-2.7-27.5°	0°- 90°
Head Swing Angle	-	-	-	Left-Right : -30° - +30°	-	-	-
Inclinabel Binocular Tubes	0°- 70°	-	-	-	-	-	-
Foot Remorte							
Type	Floor Type	Floor Type	Floor Type	Floor Type	-	Floor Type	-
Weight	4.0kg	1.3kg	1.3kg	1.3kg	-	1.3kg	-
Red Reflex Unit							
Type	Built-in(Switchable)	-	-	-	-	-	-
Weight							
Total Weight	92kg	67kg	63kg	64kg	17kg	18kg	15kg

Optional Accessories

Code	Description	L-0995AZ	L-0990A MEGA-80	L-0990 MEGA-21	L-0970 MEGA-10	L-0955SD	L-0955XD	L-0940SD DECA-21
	L-0541 Beam Splitter Device	●	●	●	●	●	●	●
	L-0542 Observation Tube with Image Rotation (Monocular)	●	●	●				
	L-0542-CB Coaxial Observation Tube (Binocular)	●	●	●				
	L-0554 Video Camera Adapter with C-mount (f=70mm)	●	●	●	●	●	●	
	L-1422 Stand for L-0940 Portable Microscope, H-Style Base					●	●	●
	OBJ-002 Objective Lens (F=250mm) (Ent Surgery, Dental Surgery)	●	●	●	Equipped	●	●	●
	OBJ-A008 Objective Lens (F=175mm) (Ophthalmic Surgery)	●	Equipped	Equipped	●	Equipped	Equipped	Equipped
	OBJ-012 Objective Lens (F=350mm) (laryngeal Surgery)	●	●	●	●	●	●	●
	OBJ-014 Objective Lens (F=400mm) (laryngeal Surgery)	●	●	●	●	●	●	●
	OBJ-024-AP Objective Lens (F=200mm) Apochromat (Ophthalmic Surgery)	Equipped	●	●	●	●	●	●
	L-0548 45 degree adaptor				●			
	L-0569BM-3.2 Digital camera 3.2M	●	●	●	●	●	●	●

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