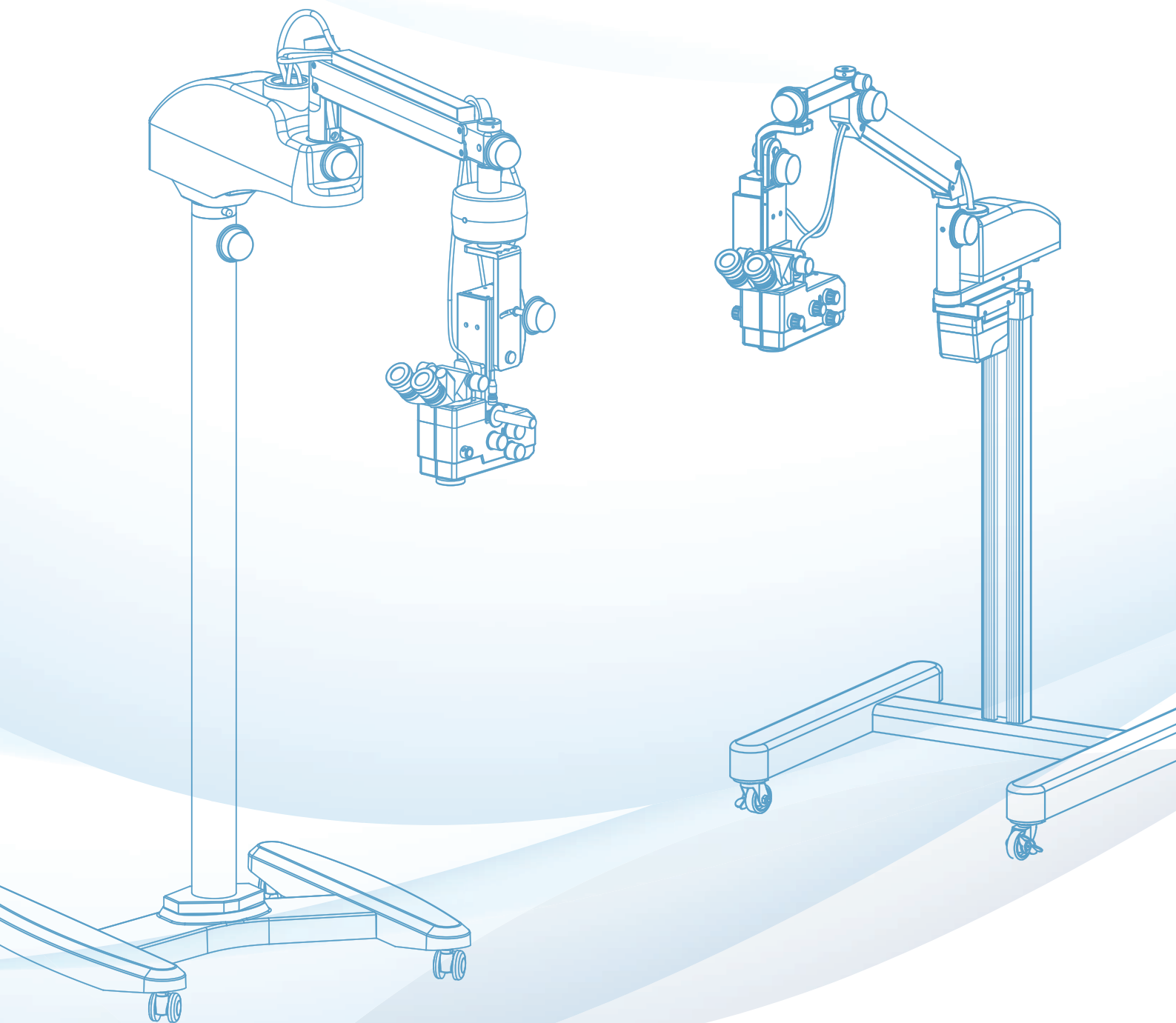


# OPERATING MICROSCOPES

Quality Optics



LED

# L-0995AZ

LED Operating microscope (with X-Y)

Cataract  
Surgery

Vitreoretinal  
Surgery

Other Ophthalmic  
Surgery



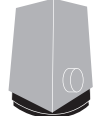
Motorised  
focus



Red reflex



Motorised  
X-Y stage



MOTORISED  
ZOOM



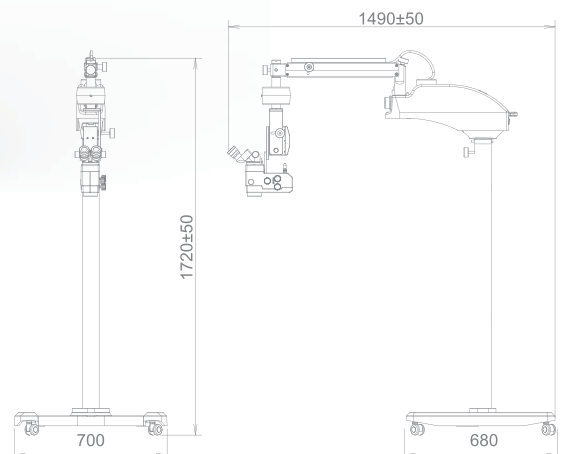
Monitor Option

## Wide Angle Viewing System

**VOLK**®  
SURGICAL MERLIN



**Z OCULUS**®  
SDI® 4 / BIOM® 5



# L-0990A

Operating Microscope (with X-Y)

- Cataract Surgery
- Vitreoretinal Surgery
- Other Ophthalmic Surgery



Motorised  
X-Y stage

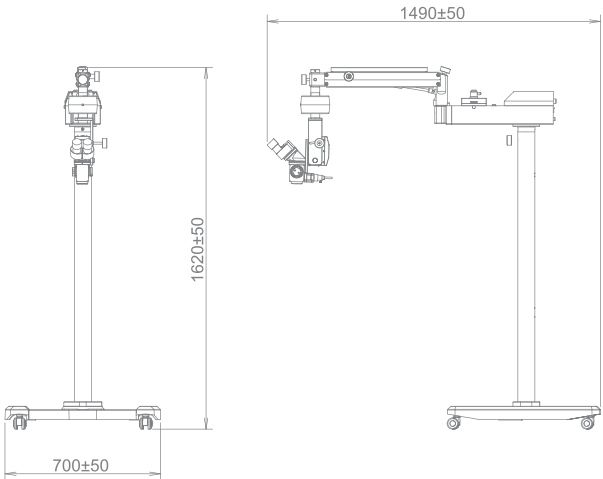


Motorised  
focus

**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

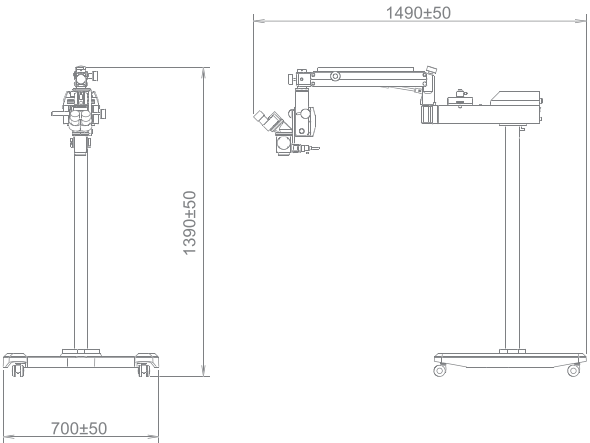


Motorised  
focus



**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

Cataract  
Surgery

Eye  
Camp

Other Ophthalmic  
Surgery

Plastic  
Surgery



3Dview



MANUAL  
**ZOOM**  
5x-15x



Carrying case



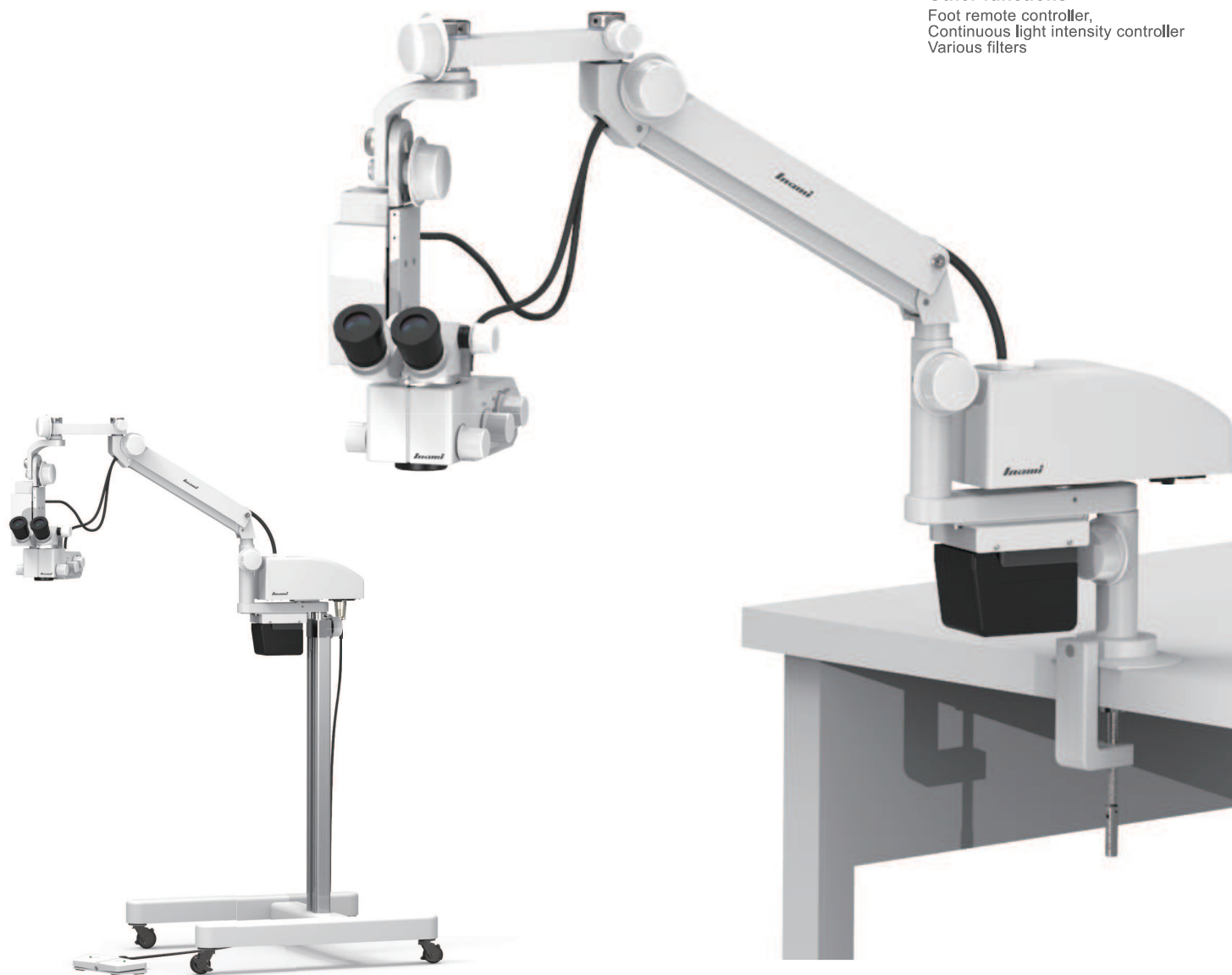
Motorised  
focus



Lithium Ion  
Battery

## Other functions

Foot remote controller,  
Continuous light intensity controller  
Various filters



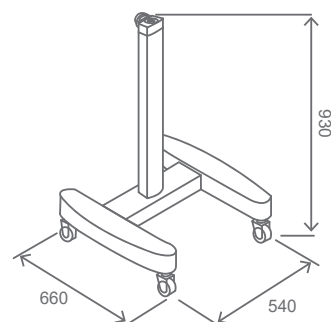
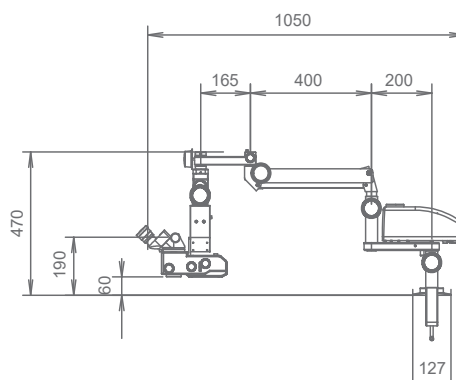
With optional pole and base (K-1422)



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**

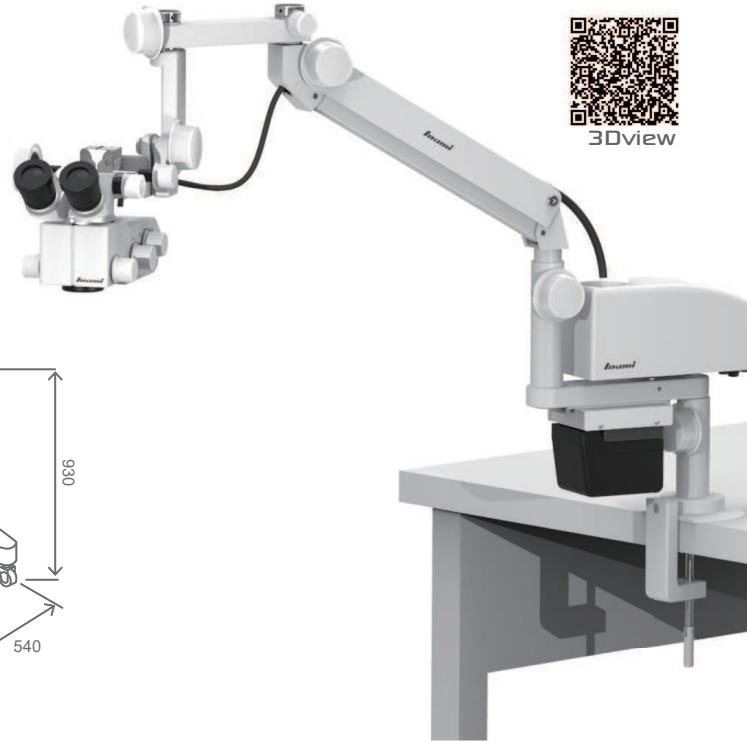
# L-0955SD

Cataract  
SurgeryEye  
CampOther Ophthalmic  
SurgeryPlastic  
Surgery**MANUAL  
ZOOM  
5x-15x**

Carrying case

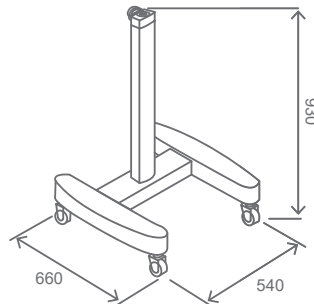
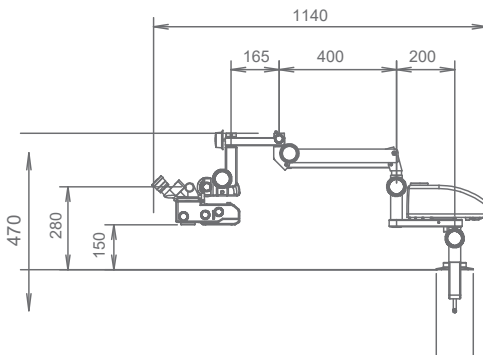
Lithium Ion  
Battery

3Dview



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

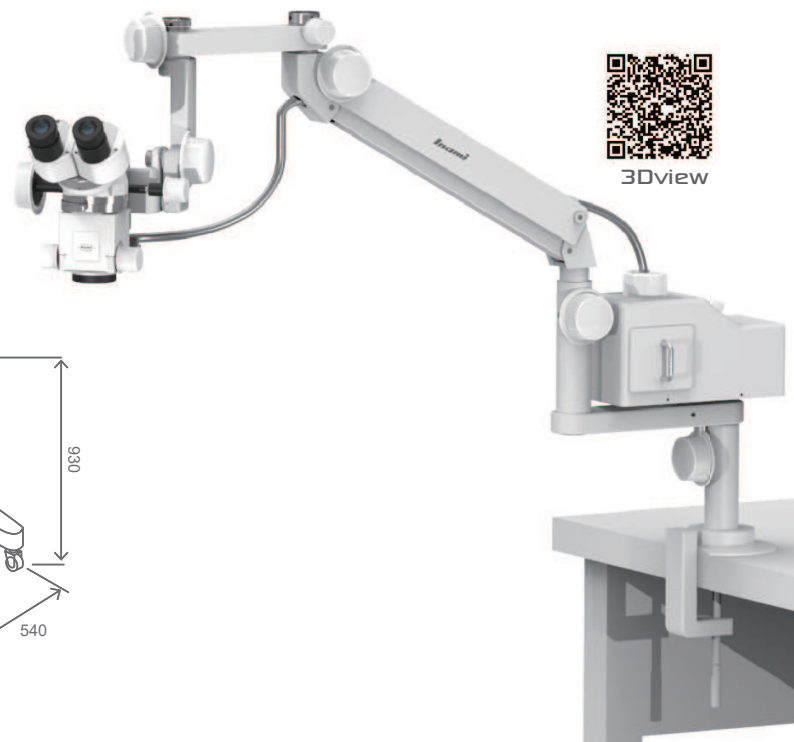
# DECA-21

**MANUAL  
ZOOM  
6x-18x**

Carrying case

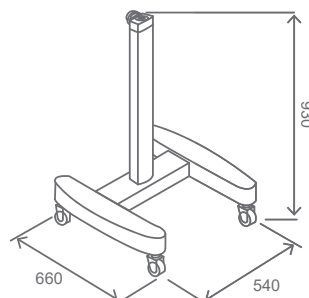
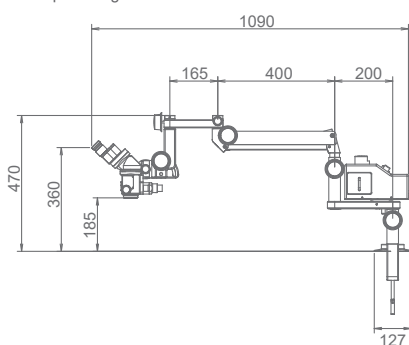


3Dview



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.



# L-0970

ENT  
Surgery

Plastic  
Surgery

Veterinary  
Surgery

Other  
Surgery

## MEGA-10



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



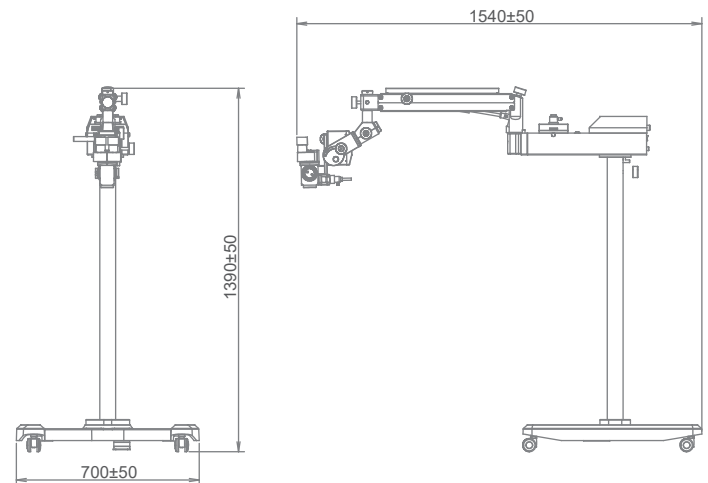
ENT coupling



Motorised  
focus

### Other functions

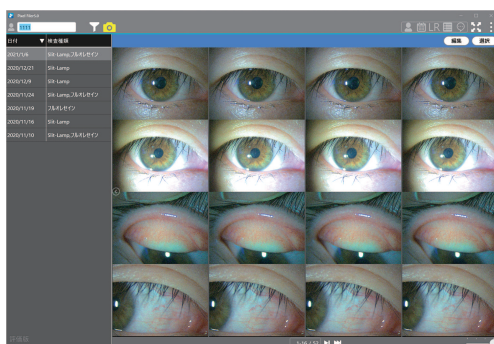
Foot remote controller,  
Continuous light intensity controller  
Various filters



## 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 MPEG4. You can choose the size of the video.

### Image up/down/left/right inversion function

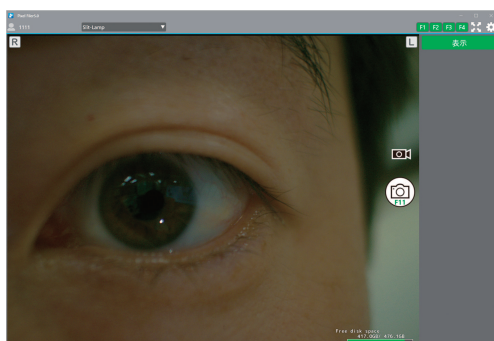
In contrast to optical inversion by optical equipment, it is equipped with a vertical / horizontal image inversion function that matches the production of TV images by digital processing.

### 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
							
<b>Microscope</b>							
<b>Type</b>	Galilean type	Galilean type	Galilean type	Galilean type	Galilean type	Galilean type	Galilean type
<b>Magnification Changer</b>	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
<b>Eyepiece</b>	12.5x	12.5 x	12.5x	12.5x	12.5x	12.5x	15x
<b>Total Magnification</b>	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
<b>Field of View</b>	Φ48-8mm	Φ51-8mm	Φ51-8mm	Φ103-17 mm	Φ35-10mm	Φ35-10mm	Φ45mm
<b>Pupillary adjustment</b>	54-70mm	50-75mm	50-75mm	50-75mm	50 - 70 mm	50 - 70 mm	54 - 70 mm
<b>Objective Lens</b>	F=200mm (Apocromatic)	F=175mm	F=175mm	F=250mm	F=175mm	F=175mm	F=175mm
<b>Diopter Adjustment</b>	-7D - + 7D	-6D - + 5D	-6D - + 5D	-6D - + 5D	-6D - + 6D	-6D - + 6D	-6D - + 6D
<b>Illumination</b>							
<b>Filter</b>	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
<b>Light Source</b>	LED	Halogen	Halogen	Halogen	LED	LED	Halogen
<b>Maximum intensity</b>	60,000Lux	110,000Lux	110,000Lux	110,000Lux	45,000Lux	45,000Lux	80,000Lux
<b>Co-axial Illumination Field</b>	Φ45mm	Φ50mm	Φ50mm	Φ50mm	Φ45mm	Φ45mm	Φ45mm
<b>Focal Adjustment</b>							
<b>Type</b>	Mortorised	Mortorised	Mortorised	Mortorised	Manual slider	Mortorised	Manual slider
<b>Adjustable Distance</b>	40mm	40mm	40mm	40mm	30mm	40mm	30mm
<b>Focusing Speed</b>	1.3mm/sec	1.3mm/sec	1.3mm/sec	1.3mm/sec	-	1.3mm/sec	-
<b>Head Inclination</b>							
<b>Head Inclination Angle</b>	0°- 30°	0°- 30°	0°- 30°	0°- 30°	0°- 90°	-2.7-27.5°	0°- 90°
<b>Head Swing Angle</b>	-	-	-	Left-Right : -30° - +30°	-	-	-
<b>Inclinabel Binocular Tubes</b>	0°- 70°	-	-	-	-	-	-
<b>Foot Remorte</b>							
<b>Type</b>	Floor Type	Floor Type	Floor Type	Floor Type	-	Floor Type	-
<b>Weight</b>	4.0kg	1.3kg	1.3kg	1.3kg	-	1.3kg	-
<b>Red Reflex Unit</b>							
<b>Type</b>	Built-in(Switchable)	-	-	-	-	-	-
<b>Weight</b>							
<b>Total Weight</b>	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-0544	Video Camera Adapter with C-mount (f=100mm)	●	●	●	●	●	●	
	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) (larygeal Surgery)	●	●	●	●	●	●	●
	OBJ-014	Objective Lens (F=400mm) (larygeal 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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E-mail: [corpinfo@inami.co.jp](mailto:corpinfo@inami.co.jp)