

Optional accessories

	Code	Description	TERA-21 L-0980A	MEGA-30 L-0990A	MEGA-21 L-0990	MEGA-10 L-0970	DECA-21 L-0940SD	EASIO AD L-0980AD	EASIO smart L-0950D
1	L-0541	Beam splitter device	●	●	●	●	●	●	●
2	L-0542	Observation tube Monocular	●	●	●	●	●	●	●
3	L-0542-CB	Assistant binocular microscope	●	●	●	●	●	●	●
4	L-0544	Video camera adaptor with C-mount (f=100mm)	●	●	●	●	●	●	●
5	L-0568-231S2-N L-0568-231S2-P	Analogue CCD camera 480 TV lines (NTSC) Analogue CCD camera 480 TV lines (PAL)	●	●	●	●	●	●	●
6	L-0940SD-D70	L-0940SD with 1.3M digital camera and software (F=70mm) * Factory option.					●		
7	L-0940SD-A70	L-0940SD with L-0568 CCD camera (F=70mm) * Factory option. Please select PAL / NTSC					●		
8	L-0950D-D70	L-0950D with 1.3M digital camera and software (F=70mm) * Factory option.						●	
9	L-0950D-A70	L-0950D with L-0568 CCD camera (F=70mm) * Factory option. Please select PAL / NTSC						●	
10	L-0541DC-FR	Foot remote controller for digital camera					●	●	
11	L-0500	Red reflex unit * Red Reflex Booster" with VOLK's "Merlin" adapter	Equipped	●	●	●	●	●	●
12	L-0980AD-1	L-R Swing adapter for L-0980AD					●		
13	L-02LM	Inclinable binocular adapter						●	
14	L-0950D-2	L-R Swing adapter for L-0950D						●	
15	L-1422	Stand for L-0940SD with H style base					●		
16	ZS-6M-10010	1.6 manual zoom magnification changer unit				●			
17	OBJ-002 OBJ-003 OBJ-A008 OBJ-012 OBJ-014 OBJ-024-AP	Objective lens F=250 (ENT surgery, Dental surgery) Objective lens F=300 (Neurosurgery) Objective lens F=175 (Ophthalmic surgery) Objective lens F=350 (Laryngeal surgery) Objective lens F=400 (Laryngeal surgery) Objective lens F=200 (Ophthalmic surgery)		●	●	●	●	●	●
18	OBJ-033D	Objective lens with fine focusing function F=250mm					●		
19	L-0548	45 degree adapter				●			

Designs and specifications are subject to change.
OG/BOAE

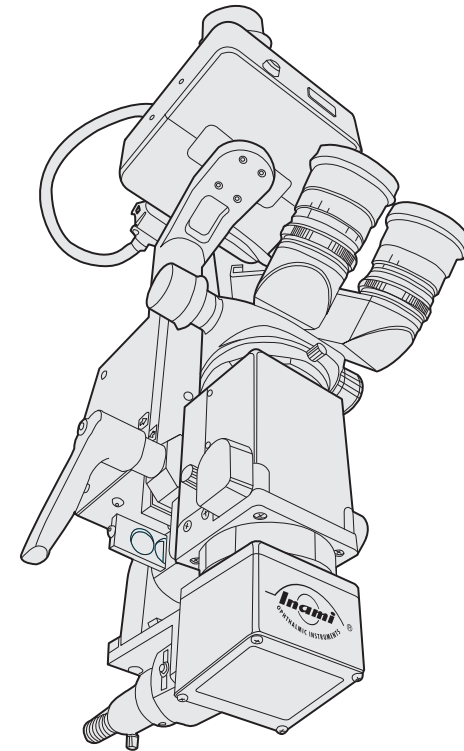
Inami & Co., Ltd.

No.24-2, Hongo 3-chome, Bunkyo-ku,
Tokyo 113-0033, Japan
Tel: +81 (3) 3814-5916 Fax: +81 (3) 5684-2126
E-mail: corpinfo@inami.co.jp



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TERA-21

L-0980A

Motorised Zoom Operating Microscope

Cataract Surgery

Vitreoretinal Surgery

Other Ophthalmic Surgery



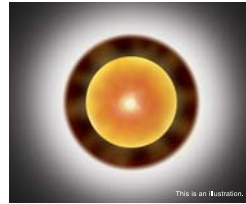
Motorised X-Y stage



One-touch bulb changer



Motorised zoom & focus



This is an illustration.



Apochromatic objective lens



Red Reflex Booster



VOLK's MERLIN compatible



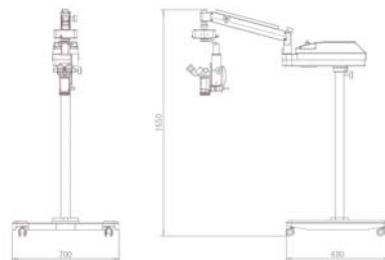
L-0980A is officially compatible with VOLK Optical's MERLIN Surgical System which provides precise control of non-contact lens position and focus for clear, crisp views during vitreoretinal surgery.

Other functions

Binoculars with PD adjustment knob,
Foot remote controller, X-Y centering button,
Continuous light intensity controller
Various filters



Microscope head of L-0980A is fully equipped with high-grade optical and mechanical systems. Motorised zoom and focusing function can comfortably controlled with foot remote controller.



MEGA-80

L-0990A

Semi-Motorised Operating Microscope

Cataract Surgery

Vitreoretinal Surgery

Other Ophthalmic Surgery



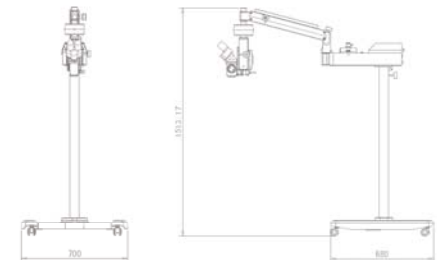
Motorised X-Y stage



Motorised focus

Other functions

Foot remote controller,
Continuous light intensity controller
Various filters



MEGA-21

L-0990

5-Step Operating Microscope

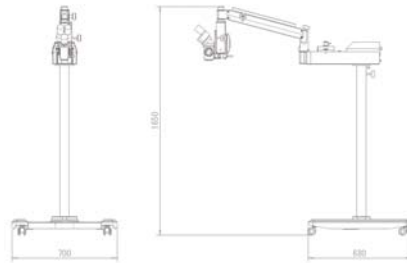
Cataract Surgery

Vitreoretinal Surgery

Other Ophthalmic Surgery



Other functions
Foot remote controller,
Continuous light intensity controller
Various filters



DECA-21

L-0940SD

Portable Zoom Operating Microscope

Cataract Surgery

Eye Camp

Other Ophthalmic Surgery

Plastic Surgery

Veterinary Surgery

Other Surgery



Other functions
Continuous light intensity controller
Various filters
L-R side changer
Pole and base (optional) compatible



L-0940SD 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 built-in C-mount system, extra beam splitter device and video camera mount are no longer necessary for video recording. (factory option)



With the optional pole and base (K-1422), L-0940SD can be used as a stand type operation microscope.



When digital CCD camera is chosen with built-in C-mount system (factory option), a free filing software "Pixel Filer" will be accompanied. All the useful functions can be easily and intuitively controlled by the user-friendly interface.

MEGA-10

L-0970

Multi Operating Microscope

ENT Surgery

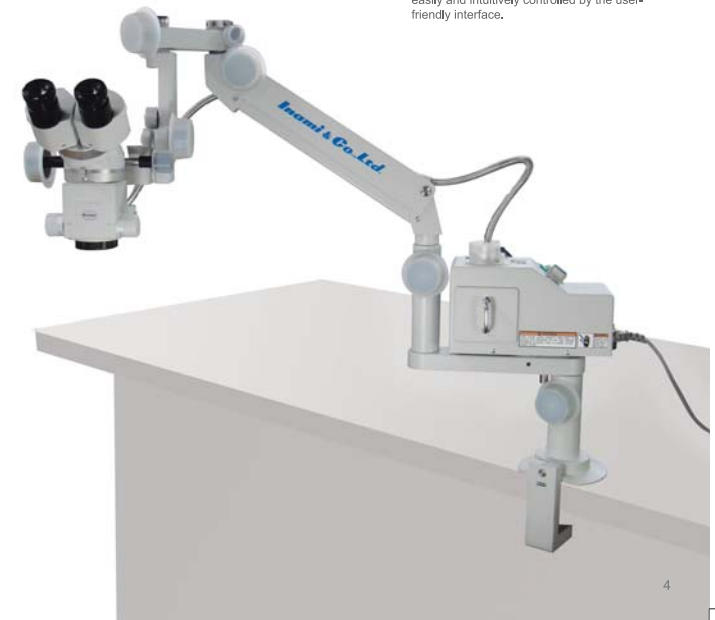
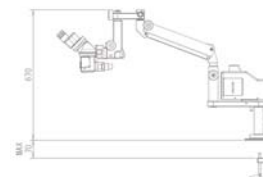
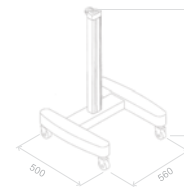
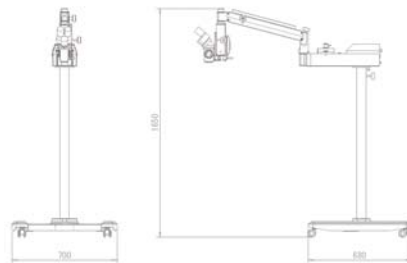
Plastic Surgery

Veterinary Surgery

Other Surgery



Other functions
Foot remote controller,
Continuous light intensity controller
Various filters



EASIO AD

L-0980AD

Motorised Multi Operating Microscope



Ideal for dental use

Endodontic Surgery

Other dental Surgery

Other Surgery



360 degree dental coupling*



Motorised X-Y stage



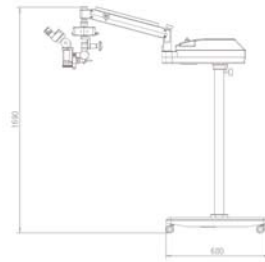
One-touch bulb changer



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

Other functions

Foot remote controller,
Continuous light intensity controller
Various filters



* With L-R swinging adapter (L-0980AD-1), objective lens and magnification changing unit can be moved 360 degree without changing the position of binoculars.

EASIO smart

L-0950D

Compact Multi Operating Microscope



Ideal for dental use

Endodontic Surgery

Other dental Surgery

Other Surgery



360 degree dental coupling*



Fine focusing slider



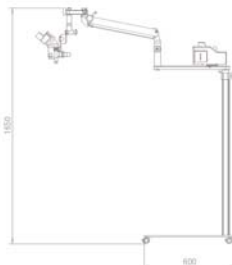
Built-in C-mount & camera
(Factory option)



ZOOM MAG
6x - 10x

Other functions

Continuous light intensity controller
Various filters



* With L-R swinging adapter (L-0950D-2) and inclinable adapter (L-02LM), objective lens and magnification changing unit can be moved 360 degree without changing the position of binoculars.

Specifications

	TERA-21 L-0980A	MEGA-80 L-0990A	MEGA-21 L-0990	MEGA-10 L-0970	DECA-21 L-0940SD	EASIO AD L-0980AD	EASIO smart L-0950D
Microscope							
Type	Gallean type binocular microscope						
Magnification Changer	Continuous auto zoom	5 Steps by drum rotation			Continuous zoom by drum rotation	5 Steps by drum rotation	Continuous zoom by drum rotation
Eyepiece	12.5 x Wide field high eye point with helicoidal diopter adjustment				15 x with helicoidal diopter adjustment	12.5 x Wide field high eye point with helicoidal diopter adjustment	15 x with helicoidal diopter adjustment
Total Magnification	5x - 30x	3.2x, 4.8x, 8x, 12.8x, 20			6x - 18x	4x, 6x, 10x, 16x, 25x	6x - 18x
Field of View	Φ85 - 10mm	Φ61 - 8mm	Φ72 - 11mm		Φ35 - 10mm	Φ72 - 11mm	Φ50 - 14mm
Pupillary Adjustment	50 - 75mm						
Objective Lens	F=200mm Achromatic	F=175mm	F=250mm		F=175mm	F=250mm	
Diopter Adjustment	-6D - +5D				-6D - +6D	-6D - +5D	-6D - +6D
Illumination							
Filter	Cobalt, Red free, Heat absorption, 1/2ND					Yellow, Red free, Heat absorption, 1/2ND	
Light Source	15V 150W Halogen bulb with cold mirror filter				21V 150W Halogen bulb with cold mirror filter	15V 150W Halogen bulb with cold mirror filter	21V 150W Halogen bulb with cold mirror filter
Maximum intensity	135,000Lux	110,000Lux			80,000Lux	110,000Lux	80,000Lux
Co-axial Illumination Field	Φ50mm				Φ40mm	Φ50mm	Φ40mm
Focal Adjustment							
Type	Motorised				Manual slider	Manual fine focus (Option)	Manual slider
Adjustable Distance	40mm				30mm	8mm (Option)	30mm
Focusing Speed	1.3mm/sec				-		
Head Inclination							
Head Inclination Angle	0° - 30°			0° - 90°		-	
Head Swing Angle	-		Left - Right -30° - +30°		Left - Right -30° - +30° Back - Forth -30° - +30°		
Objective Lens Swing Angle	-				Left - Right -15° - +15° (Option) Back - Forth -40° - +40° (Option)		
Foot Remote							
Type	Floor Type				-	Floor Type	-
Weight	4kgs	1.3kgs			-	4kgs	-
Red Reflex Unit							
Type	Detachable	Detachable (Option)		-	Detachable (Option)		-
Total Weight	72kgs	67kgs	63kgs	64kgs	15kgs	70kgs	36kgs