

OM-6



Clear view and simple operations
Optimal entry-level model for out-patient procedures

Excellent durability and operability while minimising costs.

An entry-level model suitable for out-patient procedures.



- Optimised for out-patient procedures such as punctal plug insertion and eyelid surgery
- Stereoscopic observations enabled by wide field of view and deep depth of focus
- Simple and compact design for space-saving



Compact design optimised for out-patient environments

Simple, highly functional design

The compact design allows for space-efficient use in outpatient environments with limited space. Furthermore, this model can be connected to either the left or the right side of the UN-21 Full Reclining Chair, making operations even more efficient.



When not in use, it can be folded to a compact size for storage.



Combinable options



By replacing the base with the O01-19 Flat Base, the unit can be positioned against a wall or with the base placed under a bed.

This allows procedures and surgeries to be performed safely and comfortably, even in confined spaces.

Stereoscopic observations enabled by wide field of view and deep depth of focus

The optimised optical design and high-quality optical system provide an environment where tiny tissues and structures can be observed clearly. This performance is delivered even in out-patient procedures. It can also be used for cataract surgery, depending on the hospital/clinic environment.

High-luminance and long-life LED light source

The illumination system uses high-luminance LED light to focus on contrast and colour reproduction. The service life is approximately 40,000 hours, minimising the need for bulb replacements and ensuring stable illumination.

* LED operating life is defined as a state when light intensity drops to 70%. The operating life of the LED used in OM-6 is approximately 40,000 hours, although this is not guaranteed.

Eyepieces with a wide field of view

Ensures brightness and ease of observation to support precise surgical operations. The 3-step magnification, wide-field eyepieces provide a bright and wide field of view of 48mm/28.8mm/18mm in diameter, helping to facilitate out-patient procedures.

Magnification diagram

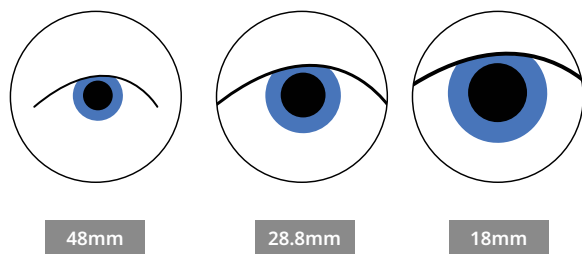
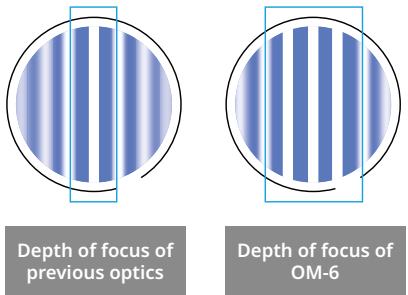


Image of area in focus



Comfortable operations with natural posture

Designed for easy operation

A tilted, easy-to-depress foot controller is adopted to enhance operator comfort. High water and dust resistance (IPX6) provides peace of mind even in environments subject to splashing fluids.



Ergonomic design

The 45-degree inclined binocular tubes help the surgeon keep a comfortable posture and maintain concentration for a long time.



Specifications

Model name		OM-6 Operating Microscope
Microscope	Magnification changer	3-step manual magnification
	Objective lens	F = 200 mm
	Eyepieces	12.5x (high-eyepoint & wide field)
	Binocular tube	45° inclined binocular tubes F = 125 mm
	Total magnifications	4.7x / 7.8x / 12.5x
Illumination	Light source	LED
	Filters	Heat-absorbing / Blue correction / Blue / Red-free (green)
Arm & Base	Type	Floor stand with 4 casters and 2 stoppers
	Maximum load tolerance on arm	Up to 2.4 kg of accessories
Power Unit	Power supply	AC 100-230 V, 50-60 Hz
	Power input	70 VA
Weight (excl. options)		62.3 kg

Accessories

Flexible customization with a rich variety of options

1	S11-01	Beam Splitter	A camera can be attached (beam ratio: surgeon 40%, camera 60%)
2	S11-02	Beam Splitter	A camera can be attached (beam ratio: surgeon 30%, camera 70%)
3	O11-03	Beam Splitter	A camera can be attached (beam ratio: surgeon 80%, camera 20%)
4	O08-21	TV Camera Adapter	A C-mount compatible TV camera can be attached (F = 40 mm)
5	O06-31SE	Assistant Scope	Mounts at a 26° angle to the main microscope, providing stereoscopic vision and independent focus adjustment, enabling the assistant to achieve an optimal view
6	O07-17	Inclined Coupling	Rotatable
7	S01-4SE	Straight Binocular Tube	Can be tilted forward, backward, left, or right when used with the inclined coupling
8	O14-13	Objectives Lens	F = 250 mm
9	O14-15	Objectives Lens	F = 300 mm
10	O14-16	Objectives Lens	F = 350 mm
11	O14-17	Objectives Lens	F = 400 mm
12	O01-19	Flat Base	For installation flush to the wall

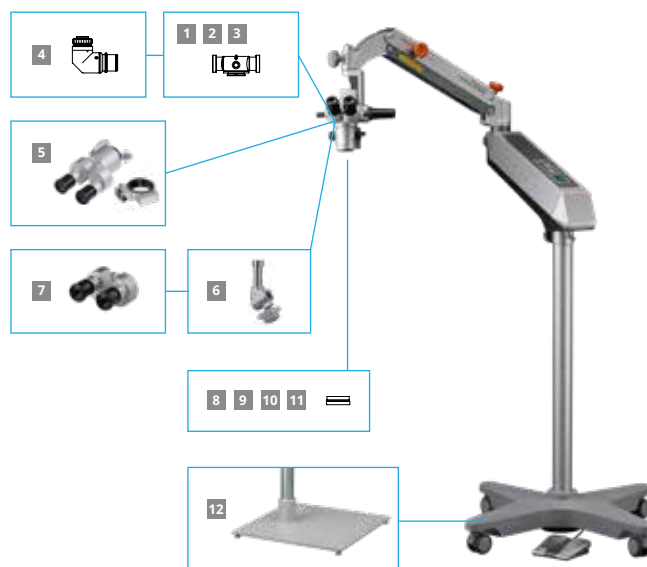
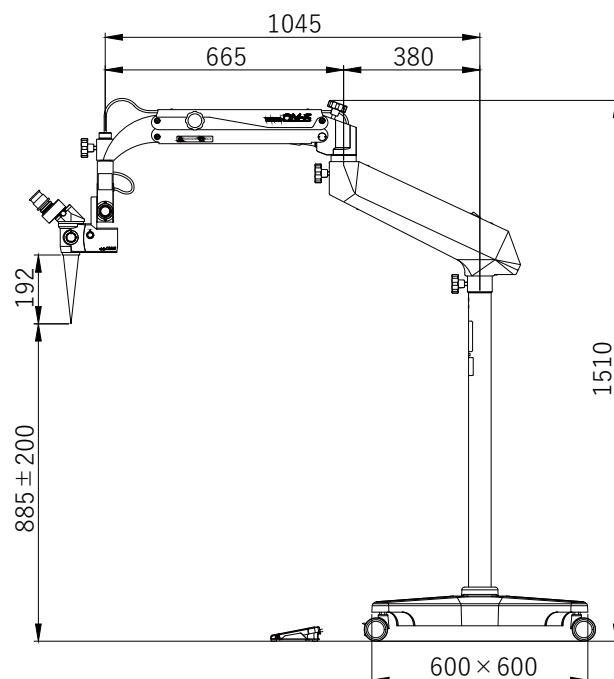
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 To ensure safe and correct handling please read the user manual before using.

Dimensions

Dimensions (mm)



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