

OM-6

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

- Optimized 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.

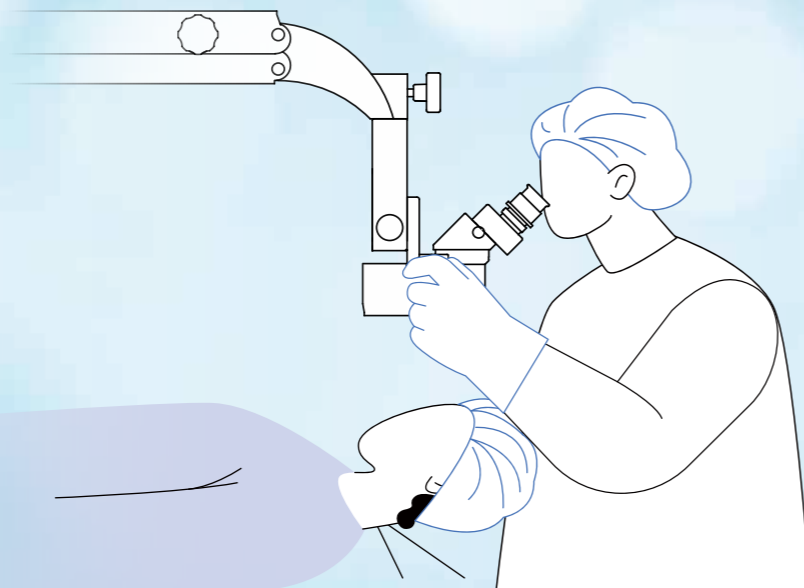


Serving Your Vision

TAKAGI ophthalmic devices, proudly made in Japan since 1955.



Excellent durability and operability while minimizing costs.
An entry-level model suitable for out-patient procedures.



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

The optimized 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.

High-luminance and long-life LED light source

The illumination system uses high-luminance LED light to focus on contrast and color reproduction. The service life is approximately 40,000 hours, minimizing 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 three-step magnification, wide-field eyepieces provide a bright and wide field of view of 48 mm / 28.8 mm / 18 mm in diameter, helping to facilitate out-patient procedures.

Deep depth of focus

The optimized optical design enables the microscope to focus over a wide area, eliminating the need for fine adjustments. This allows stereoscopic observations, supporting precise procedures.

Magnification diagram

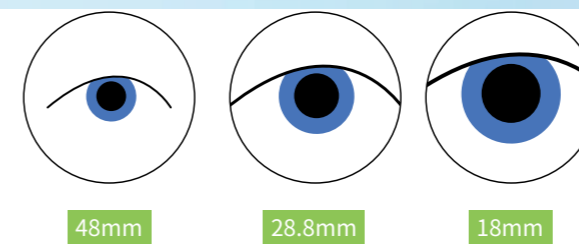
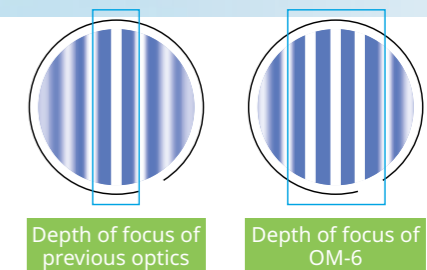


Image of area in focus



Compact design optimized 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 flat base (O01-19), 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.



Comfortable operations with natural posture

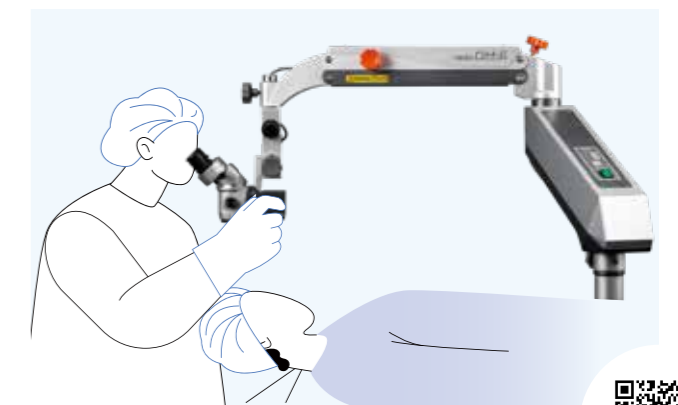
Designed for easy operation

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.



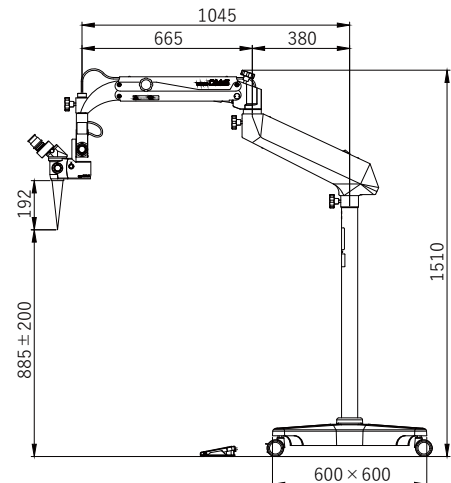
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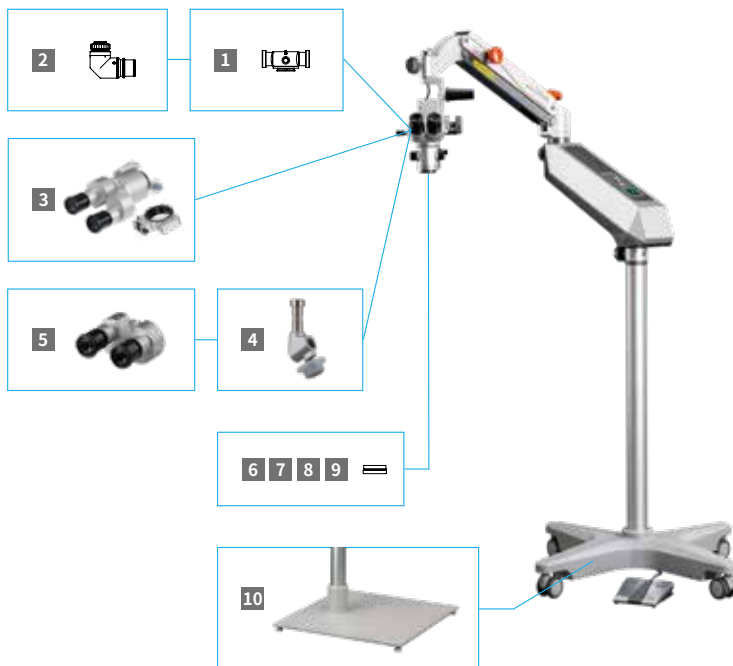
Specifications

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 / Green (red-free)
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

Dimensions



Flexible customization with a rich variety of options



Accessories

1	O11-03	Beam Splitter	A camera can be attached (beam ratio: surgeon 80%, camera 20%)
2	O08-21	TV Camera Adapter	A C-mount compatible TV camera can be attached (F = 40 mm)
3	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
4	O07-17	Inclined Coupling	Rotatable
5	S01-14SE	Straight Binocular Tube	Can be tilted forward, backward, left, or right when used with the inclined coupling
6	O14-13	Objectives Lens	F = 250 mm
7	O14-15	Objectives Lens	F = 300 mm
8	O14-16	Objectives Lens	F = 350 mm
9	O14-17	Objectives Lens	F = 400 mm
10	O01-19	Flat Base	For installation flush to the wall

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

- Description and appearance as detailed in this brochure may be subject to change as improvements are made to products.
- Colors of product(s) in brochure may slightly differ from actual product(s) due to lighting situation when photographed or print conditions.

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