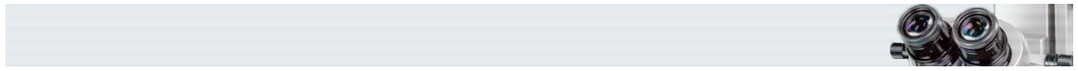
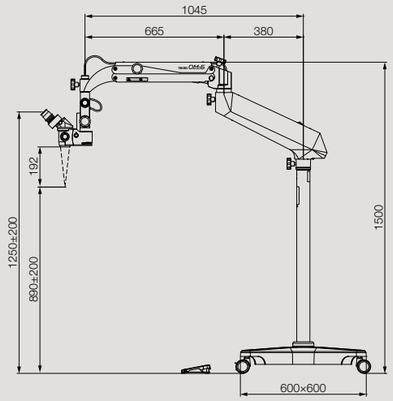


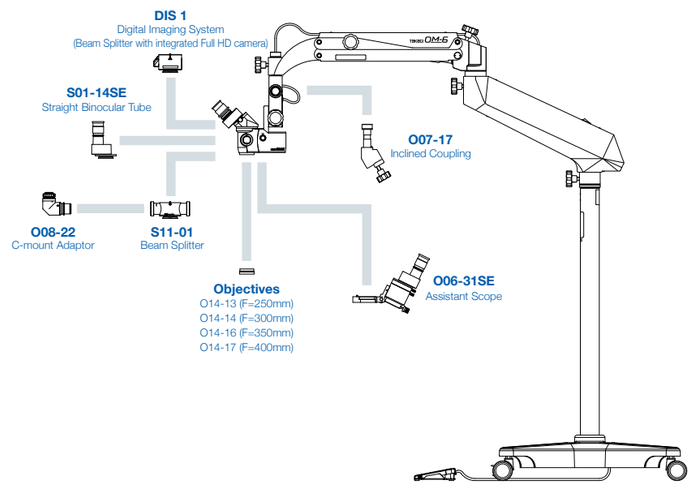
Major Specifications

Model		Operating Microscope OM-6
Microscope	Magnification changer	Manual 3-step magnification changing type
	Objective	F=200mm
	Eyepieces	12.5xw
	Binoculars	45° inclined binocular tubes
	Total magnifications	4.7x, 7.8x, 12.5x
	Real fields of view	ø48, ø28.8, ø18mm
	Focussing stroke	30mm
Illumination	System	Direct illumination
	Light source	LED
	Field of illumination	ø55mm
	Illumination control	9 steps (Dimming level gauge : 5 levels)
	Filters	Heat-absorbing, Blue correction filter, cobalt blue and green
Arm, base	Mount	Floor stand
	Maximum arm extension	1045mm
	Arm vertical stroke	400mm
	Base size	600mmx600mm
Others	Weight	62kg
	Power consumption	70VA
	Power supply	AC100-230V 50/60Hz

Dimensions



Options



OM-6 Whole Body

•Design and specifications are subject to change as improvements are made to the product.

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TAKAGI

Operating Microscope
OM-6

Serving Your Vision

Operating Microscope

OM-6

OM-6 obtained New Bright & Sharp "Light"

OM-6 is the most excellent entry-level operating microscope, breaking a new ground with its outstanding performance and energy savings.

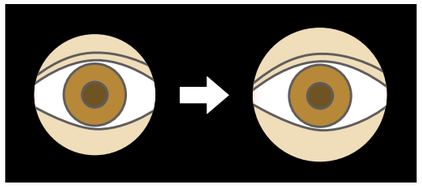
Adopted a new arm and an optical system with wide field of view and as bright as high-grade class operating microscopes.

LED light source provides a solution to the issue of bulb burnout as well as offering significant energy savings; a power consumption reduced by 85% in comparison with our previous model.

*The life of LED is defined as the state when the light intensity decreases to 70%, and the life of the LED used in this operating microscope is about 40,000 hours. However, 40,000 hours cannot be guaranteed.

1 Real Field of View Increased by 10%

Wide field eyepieces increase the real fields of view and offer better vision from microscope.

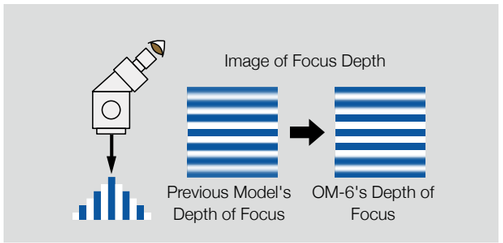


Previous Model (1.0x)
Reall Field of View Ø26.0mm
EyePieces 12.5X

OM-6 (1.0x)
Real Fields of View Ø28.8mm
Eyepieces 12.5XW

2 Depth of Focus Increased by 1.5 times

The depth of focus is about 1.5 times deeper than that of the previous model, resulting in providing better view.



3 Variety of Filters

Filters can be easily switched by filter switching knob.
-Blue Correction, which reduces the characteristic blue light of LED
-Cobalt Blue
-Green
-Heat-absorbing

4 Direct LED Illumination

By mounting the LED light source directly on the microscope head, light guides are eliminated, hence no trouble caused by damage to the light guides.

5 New Sophisticated Footswitch

Ergonomically designed footswitch improves operability due to ideal inclination.
*Waterproof Rating: IPX6

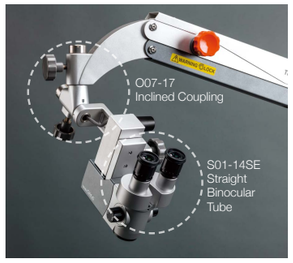
6 Various Options

C-mount Adaptor
O08-22 + S11-01

Digital Imaging System
DIS1

Assistant Scope
O06-31SE

Otolaryngology (ENT)



OM-6 for otolaryngology (ENT) available.

OM-6 can be used for otolaryngology (ENT) by attaching optional O07-17 Inclined Coupling and S01-14SE Straight Binocular Tube to OM-6 for ophthalmology*. Variety of objective lens are available.

Objectives
O14-13 F=250mm
O14-14 F=300mm
O14-16 F=350mm
O14-17 F=400mm

*Need to replace standard straight coupling and binocular tube with O07-17 Inclined Coupling and S01-14SE Straight Binocular Tube.