

OM-9 Operating Microscope Specification

Model name		OM-9 Operating Microscope		
Model type		XZ	XE	SM
Microscope	Magnification changer	Motorized zoom magnification (zoom ratio 1:5)	5-step motorized magnification	5-step manual magnification
	Objective lens	F = 200 mm (apochromatic correction optical system)		
	Eyepieces	10x (high-eyepoint & wide field)	16x (high-eyepoint & wide field)	
	Field of view (diameter)	49-9.8 mm	56 / 37.3 / 22.4 / 14 / 9 mm	
	Binocular tube	Tilttable binocular tubes F = 170 mm	45° inclined binocular tubes F = 125 mm	
	Total magnification s	4.1x-20.4x	4x / 6x / 10x / 16x / 25x	
	Focus (motorized)	30 mm		
	X-Y movement (motorized)	± 25 mm in each direction with speed 3 mm/sec and centering control		-
Illumination	Method	Direct illumination		
	Light intensity adjustment	9-steps (5 level display on gauge)		
	Light source	LED		
	Illuminated field (diameter)	60 mm		
	Red reflex illuminated field (diameter)	60 mm		
	Filters	Heat-absorbing / Blue correction / Blue cut / Retina shield		
Arm & Base	Type	Floor stand with 4 casters and 2 stoppers		
	Balance arm stroke	400 mm (vertical)		
	Maximum arm reach	1045 mm		
	Maximum load tolerance on arm	Up to 3.2 kg of accessories		
	Control panel	Brightness display, light intensity control, illumination ON/OFF switch, power switch		
	Foot controller	Wired 8-function control with IPX6-rated waterproof and dustproof performance		
Others	Weight (excl. options)	90.6 kg	90.2 kg	89.7 kg
	Power input	70 VA		
	Power supply	AC 100-230 V, 50/60 Hz		
	Electrical protection class	Class 1		

*Specifications as detailed in this sheet may be subject to change as improvements are made to products.

*For the latest information, please visit our website (<https://www.takagi-j.com/en/>).