

OM-19 Operating Microscope Specification

Model name		OM-19 Operating Microscope
Microscope	Magnification changer	Motorised zoom magnification (zoom ratio 1:6)
	Objective lens	F = 200 mm
	Eyepieces	10x (high-eyepoint & wide field)
	Field of view (diameter)	58.8-9.8 mm
	Binocular tube	Tilttable binocular tubes F = 170 mm
	Total magnifications	3.4x-20.4x
	Focus (motorised)	50 mm with centring control
	X-Y movement (motorised)	± 25 mm in each direction with speed 1.6-3.3 mm/sec and centring control
Illumination	Method	Direct illumination
	Light intensity adjustment	9-steps (5 level display on gauge)
	Light source	2 types of LED
	Illuminated field (diameter)	60 mm
	Red reflex illuminated field (diameter)	22 mm
	Filters	Heat-absorbing / Blue correction / Blue cut / Retina shield
Arm & Base	Type	Floor stand with 4 casters and 2 stoppers
	Balance arm stroke	500 mm (vertical)
	Maximum arm reach	1260 mm
	Maximum load tolerance on arm	Up to 7.7 kg of accessories
	Control panel	Zoom, focus, X-Y movement speed adjustment, focus and X-Y centring operations, illumination control
	Foot controller	Wired 14-function control with IPX6-rated waterproof and dustproof performance
Others	Weight (excl. options)	156 kg
	Power input	125 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.takagieurope.com/>).