

MX40

INDUSTRIAL INSPECTION MICROSCOPE

A reflected-light inspection microscope optimized for the inspection requirements of a variety of electronics components including magnetic heads and semiconductors.



MX40 Specifications

Microscope stand	Frame	6" arm-integrated frame dedicate for reflected light. Built-in transformer for reflected light.
	Focus	Coaxial coarse and fine focus controls, stage travel range: 32mm (2mm up and 30mm down from the focal plane). Fine focus stroke per rotation: 0.1mm, minimum focus adjustment graduation: 1 μ m, sensitivity: 1 μ m or less.
Revolving nosepiece	Brightfield	Quintuple/sextuple/DIC sextuple/motorized DIC sextuple.
	Brightfield/darkfield	Quintuple/DIC quintuple/motorized DIC quintuple.
Incident illumination	Brightfield/DIC*	12V, 100W halogen bulb light source. Integrated lamp housing. Built-in aperture diaphragm (with centering mechanism).
	Brightfield/darkfield/DIC*	12V, 100W halogen bulb light source (xenon and mercury lamp housing mountable). Brightfield/darkfield switchable via slider. Field diaphragm, aperture diaphragm (with centering mechanism), and built-in pinhole slider.
	Fluorescence	100W mercury and 75 xenon light source (halogen lamp housing mountable). Observation method changeover via a turret holding four filter cubes. Field diaphragm, aperture diaphragm (with centering mechanism) and built-in shutter mechanism.
Stage	6" \times 6"	Stroke: 158 \times 158mm. Reflected light: roller guide slide mechanism, belt drive system (no racks), stage handle with a built-in clutch.
	4" \times 4"	Stroke: 100 \times 105mm. Reflected light: roller guide slide mechanism, rack & pinion drive system, built-in Y-direction lock mechanism.
Observation tube	Invert	Widefield binocular tube, widefield trinocular tube (F.N. 22), super widefield trinocular tube (F.N. 26.5).
	Erect	Widefield trinocular tube (F.N. 22), super widefield trinocular tube, super widefield tilting trinocular tube (F.N. 26.5).
Objectives		UIS objectives
Eyepieces		UIS eyepieces (10x, 12.5x, 15x)
Photo eyepieces		UIS photo eyepieces (2x, 2.5x, 3.3x, 4x, 5x)
Power consumption		150VA
Weight		Approx. 25kg. (standard set)

*High resolution type DIC slider available