

QUASMO Microscopes

QX-4RT

Upright Metallurgical Microscopy Solutions



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With clarify of VISION to respond the growing need in modern microscopy. QUASMO was founded in year 1961 on its unique abilities to design and manufacture high precision Microscopes and Optical instruments. And make these instruments recognized across the world.

Specifications:

Observations modes: Bright Field, Dark field, Polarizing light observation and DIC	
Eyepiece	WF 10X-22mm FOV (Crosshair Reticule 0.1m) Diopter adjustment on both eye pieces
Objective lenses	Fluor type Bright Filed/Dark Field Objectives Infinity Plan Objectives antifungal and anti-reflection coated.5X N.A 0.15, 10X N.A 0.30, 20X N.A 0.45, 50X N.A 0.80, and 100X N.A 0.9 highest working distances possible 20X, 50X and 100X suitable for DIC observation
Observation Tube	High Transmission trinocular Rotatable head equipped 30degree, IPD:55-75mm with ESD erected image FOV 22/25
Nose Piece	Universal Quintuple Nosepiece ESD 5 Positions suitable for all applications BF, DF, Polarizing
Magnification Stage	3x2 stage Co-axial mechanical Stage with dimensions 170x240mm and stage micrometer 0.01mm, Glass Plate ESD compatible travelling range 75mmX50mm.
Magnification Range	50X-500X magnification
Filter	Blue clear filter, Green clear filter, ND50 Neutral density filter, Polarizing filter
Focus	Coaxial coarse and fine focus knobs with adjustable tension control, low positioned fine focus is 0.2mm per revolution
Travel Range	9mm, 1.0mm up and 8mm down
Polarizing	Polarizing and Analyzer slide moved in /out of the optical path
Illumination	Reflected illumination attachment: 15 w LED illumination with internal power supply with dimmer, incident light polarizer. Universal Epi Illuminator with Bright Field and Dark Field switch and linked aperture stop (centerable), field diaphragm (centerable) and able to accept ø 25 mm filter (NCB11, ND16, ND4), polarizer/analyser, plate, slot for excitation light balancer; equipped with noise terminator
Diaphragms:	Adjustable Aperture & Field diaphragms (centerable) for optimum Illumination & Contrast effect.
Condenser	Abbe N.A 1.25 with Iris diaphragm
Optional Items	Binocular Head with 30degree head, objectives 40X, 80X,100X OIL/Dry, Measuring Scale reticule 10/100, 0.5x reduction lens, adaptor, Eyepiece 15X, i7 processor, 8GB RAM, 1TB HDD, DVD Writer, 19-inch square monitor, keyboard, Mouse, Ethernet Port, Windows 10 version with original license, MS office 2013 version with original license Brightfield (both reflected and transmitted mode). Microscope should have provision to upgrade i future for Fluorescence, Nomarski DIC, Diascopic DIC, Diascopic Dark field, Phase contrast.

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with a policy of continuous development, Quality Scientific & Mechanical Works, reserves the right to change the design and specifications without prior notice.