

POLICE



DEPARTMENT

No. C1-12576/2017/FSL

Forensic Science Laboratory,

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Digital Zoom Stereo Microscope

Binocular Research Microscope			
Description			
Optical System	Infinite Optical System		
Viewing Head	Compensation Free Binocular Head, Inclined at 30° , & 360° Inclined Adjustable Interpupillary Distance 55-75mm, Adjustable Diopter		
Eyepiece	Extra Wide Field Eyepiece EW10× /22 mm with foldable Eye guards		
Objective	Antimicrobial treated and Anti Glare, Anti Scratch Coated with Colour Corrected Infinity Optical System (CCS) Objective		
	Optical Correction* and Magnification	Numerical Aperture	Working Distance
	C- Plan Achromatic Objective 4x	0.10	30.0 mm
	C-Plan Achromatic Objective 10x	0.25	10.5 mm
	C-Plan Achromatic Objective 20x	0.45	5.2 mm
	C-Plan Achromatic Objective 40x Spring	0.65	0.56 mm
	C-Plan Achromatic Objective 100x Oil	1.25	0.20 mm
Nosepiece	Reverse and Rotatable Sextuple (6 Position) Ball Bearing Nosepiece		
Condenser	Swing Condenser NA 0.9/ 0.25		
Attachments	Phase Contrast, Dark Field		
Focusing System	Coaxial Coarse & Fine Focusing System, Sensitivity Graduation of Fine Focus Division 0.001mm		
Mechanical Stage	Right Hand, Hard Coated with Scratch resistant Double Layers X-Y Mechanical Stage 185× 140/ 75× 55 mm and Slide Holder		

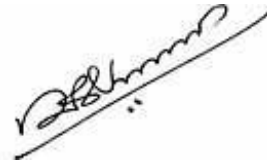


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Electrical System	Universal Standard input 100V - 240V and AC 50-60
Illumination	3W LED illumination, bulb is rated to last up to 50,000 hours with higher colour temperature 6000kelvin
Upgrade	Fluorescence with Six Filter Blocs, Phase Contrast, Dark Field, Multi head and Digital
Warranty	Three years
AMC	AMC Rates for three years after warranty should be quoted



Dr. R Sreekumar
Director FSL

