

FVAi/FVDi Series Benchtop Microscopes

Specifications



Field-of-view values (µm)	FV*i-2400	FV*i-2400-L	FV*i-2200	FV*i-2080
High magnification				
Horizontal	185	200	400	1060
Vertical	140	150	300	800
Low magnification				
Horizontal	300	325	640	1710
Vertical	225	245	480	1280
Product Specifications	FVAi		FVDi (& FVDn)	
Dimensions (H x W x D)	176 x 135 x 214 mm (6.9 x 5.3 x 8.4 in)		176 x 135 x 232 mm (6.9 x 5.3 x 9.1 in)	
Weight	3.25 kg (7 lb 2 oz)		3.0 kg (6 lb 8 oz)	
Power supply	12 V, 2 A with interchangeable wall plug for EU, UK, US, and AU			
Camera sensor	2560 x 1920, 1/2.5 in CMOS, 5 megapixel			
Built-in LCD screen size	High-contrast 3.5 in color LCD with touch-screen functionality			
Built-in LCD resolution (in pixels)	Live image: 320 x 240 x 8 bit grey, 10 fps			
External display port	VGA			
External display image resolution	640 x 480			
Particle size detection	<0.5 µm			
Light source	Blue LED, 100,000+ hour life			
Lighting technique	Coax			
USB ports	Device: 2x USB Type A Host: 1x USB Type B USB			
Certification	CE, EN/IEC 61326			

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