

Cellometer[®] Auto X4

Fluorescent Cell Counter

Includes:	<ul style="list-style-type: none">• Cellometer Auto X4 Instrument• One Standard Fluorescence Optics Module• Cellometer Software	<ul style="list-style-type: none">• USB 2.0 Connection Cable• Power Supply• Phone/online applications support during set-up
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Optional Components / Features:	<ul style="list-style-type: none">• 10x Magnification (5x magnification is standard)• PC laptop• Microsoft Excel
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Imaging Performance:	X4 (5x)	X4 (10x) (for yeast, algae, platelets)
Cell Size	5 - 300 microns	0.5 - 15 microns
Conc. Range:	10 ⁵ - 10 ⁷ cells/ml	5 x 10 ⁵ - 10 ⁷ cells/ml

Instrument Specifications: (5x and 10x)	Weight: 23 lbs. (10 kg)	Voltage: 12 V DC, 2.25 A Max
	Dimensions: Width: 6" (15cm)	
	Depth: 8.5" (22cm)	
	Height: 14" (36cm)	

PC / Laptop Requirements (if purchasing X4 without PC laptop):	<ul style="list-style-type: none">• Windows XP (SP3), Vista, or Windows 7• 1.6 GHz or higher• 1GB RAM (2-4GB recommended)	<ul style="list-style-type: none">• USB 2.0 port• Display resolution: 1024 x 768 pixels or higher
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Available Fluorescence Optics Modules:	XB-595-501 (for yeast viability with PI) (Excitation / Emission: 525 nm/595 nm) Example Fluorophores: <ul style="list-style-type: none">• Propidium Iodide• Ethidium Bromide• Rhodamine B• SYTOX[®] Orange	XB-535-401 (Excitation / Emission: 470 nm/535 nm) Example Fluorophores: <ul style="list-style-type: none">• Acridine Orange (+DNA)• Calcein• Fluorescein• SYTO[®] 9• SYTO[®] 13
	XB-610-401 (Excitation / Emission: 470 nm/610 nm) Example Fluorophores: <ul style="list-style-type: none">• Chlorophyll	XB-695-601 (Excitation / Emission: 630 nm/695 nm) Example Fluorophores: <ul style="list-style-type: none">• Allophycocyanin (APC)
	XB-450-301 (Excitation / Emission: 375 nm/450 nm) Example Fluorophores: <ul style="list-style-type: none">• DAPI• Hoechst 33342 & 33258	

For customized optical modules, email support@nexcelom.com or call: 978-327-5340.

