

## Beckman Coulter Epics XL Flow Cytometer

Manufacturer: Beckman Coulter

SKU#: 8043-30-1103

- Single air-cooled laser design
- Analyzes up to 4 colors of immunofluorescence
- Changeable filter elements
- Versatile research settings
- Fitted with state-of-the-art Digital Signal Processing (DSP)
- Drift-free amplification and compensation.



### Product Description

The Beckman Coulter EPICS XL flow cytometer combines the analytical power of a research system into a compact and ergonomically designed unit that speeds up sample throughput. This model is self-contained and biohazard safe. User-adjustable filter elements increase both flexibility and versatility in research settings. This EPICS XL flow cytometer is highly capable of analyzing up to four colors of immunofluorescence from a single air cooled laser. The EPICS XL model is ready for other multi-color applications including multiparametric DNA analysis, platelet studies, reticulocyte enumeration, cell biology/functional studies and as well as a broad range of research applications. High volume users can utilize the XL-MCL system which offers a walk-away sample handling with a Multi Carousel Loader (MCL). This Beckman Coulter XL-MCL flow cytometer system utilizes color-differentiated fluorescence and light scatter measurements to analyze cells. The laser-based flow cytometer is an enhanced model that produces throughputs of up to 100 samples per hour. A positive bar-code identification technology and true vortex mixing prior to aspiration are combined in this feature-packed model. Call us today to learn more about the Beckman Coulter Epics XL Flow Cytometer!

### Beckman Coulter Epics XL Flow Cytometer Specification

#### Beckman Coulter Epics XL Flow Cytometer Specifications

General	
Operation Color Option	3-color fluorescence with 4-color option
Cooling	Air-cooled 488nm 15mw laser
Beam	10u x 90u
Detector Range	300nm – 800nm
Flow-Cell Size	250u x 250u BioSense
Analysis Range	3300 cells/sec minimum
Min. Cell Size – um	0.5 Maximum
Max Analysis Rate	Greater than 3300 cells/sec
Color Dot Density	Contour/ isometric/ tomogram/ overlay/ and projection plots/ PRISM displays – color precedence or color-blend gating- automatic Boolean logic gate creation- 32 gates per file- real-time statistics.
Dimensions	
XL (W x D x H)	24 x 22.5 x 20 (in.)
XL-MCL (W x D x H)	34.1 x 22.5 x 20 (in.)

XL Weight  
XL-MCL Weight

140 lbs.  
187 lbs.

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