

QuikChem 8500 Series 2 two Channels

Product #: **QC85S2X2**

OBSOLETE ITEM
This item is no longer available.

A Performance Advantage from the Leaders in Continuous Flow Analysis

The Lachat QuikChem 8500 Series 2 Flow Injection AnalysisSystem features high sample throughput and simple, but rapid, method changeover. The QuikChem 8500 Series 2 system maximizes productivity in determining ionic species in a variety of sample types—from sub-ppb to percentconcentrations. More than 500 methods are available forenvironmental, agronomic and industrial applications—including EPA-accepted methods.

MAXIMUM PRODUCTIVITY WITH FIA TECHNOLOGY
The QuikChem 8500 Series 2 system uses reliable, accurate Flow Injection Analysis (FIA) technology. FIA technology was developed when scientists processing large numbers of samples experienced productivity delays while using Segmented Flow Analysis (SFA). Innovations of Flow Injection Analysis include:

• Bubble elimination from the analytical stream.

• Reduced inner diameter of the reactor tubing.

• Precise injection of samples into the analytical stream.

TIME SAVINGS WITH IMPROVED ACCURACY AND QUALITY CONTROL
FIA technology produces analytical peaks with very rapid rise and recovery times and provides complete inter-sample washout to prevent carry-over between samples. Other FIA productivity characteristics include:

• Fast startup and shutdown times approximately five minutes for rapid method changeover.

• Rapid analysis times typically 20 to 60 seconds let samples be analyzed in near real-time while data quality can be monitored and controlled during the analysis.

• High sample through-put typically 60 to 120 samples/hour.

• Broad working range sub-ppb to percents.

• Wide dynamic range typically two to three decades.

OVER 500 METHOD VARIATIONS AVAILABLE
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• Methods that comply with EPA, ISO, and DIN standards.

• Customized method development available.

• Simple to run in-line preparation methods.

• Many new methods including Lachat’s new ultra-high throughput methods.

Specifications

Channels:	2
Detector:	Dual beam photometer (340-880 nm)
Dimensions (H x W x D):	251 mm x 701 mm x 406 mm
Flow Cell Dimensions:	10 mm or 20 mm
Number of Channels:	2
Power Options:	115 V
Power requirements (Voltage):	115 VAC
Pumps:	1 x 12 Channel
Reproducibility:	0.50 %
Sample Volume:	0.002 mL - 0.250 mL
Sampler Type:	ASX520
Warranty:	12 months
What's included?:	QuikChem 8500 Series 2 two Channels, Sampler ASX520, Pump 12 CH PVDF

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