

AUTOMATED IN-LINE S

CGS 3007.02



Automated In-Line Sample Preparation and Analysis

Sample preparation can be a significant impediment to laboratory productivity. Even if the analysis is rapid, the need to distill, digest or extract a sample prior to analysis is extremely time-consuming.

To address this issue, Lachat has developed a suite of automated in-line sample preparation and analysis modules for cyanide, total nitrogen, total phosphorus, phenolics and surfactants which can be added to QuikChem AE, 8000 or FIA+.

In-line sample preparation provides a number of benefits to the user including –

- **Automates distillations, digestions and solvent extractions**
- **Significantly improves productivity**
- **Reduces consumption of sample preparation reagents**
- **Closed preparation system reduces exposure to corrosive and toxic reagents**
- **Increases accuracy and precision with controlled system conditions**
- **Provides simple operation – just place the sample in the automatic sampler and start the run**

General Specifications

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|-------------------------|---|
| Height x Depth x Width: | 14 cm (6 in) x 54 cm (21 in) x 23 cm (9 in) |
| Electrical: | 60Hz for 110V, 50Hz for 220V |