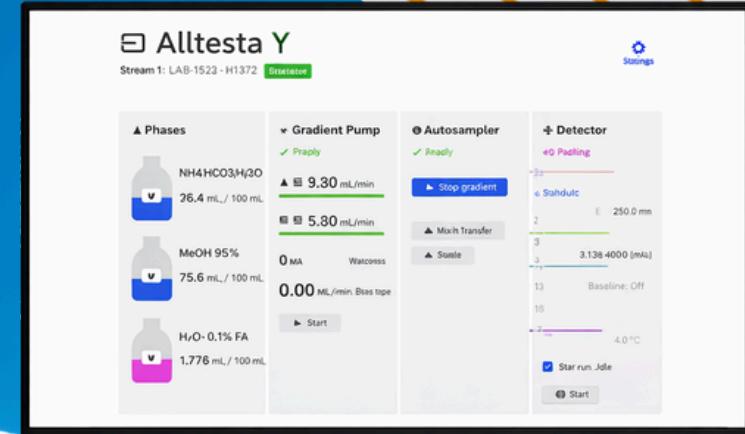




more at [www.sielc.com](http://www.sielc.com)

# Product Catalog

INNOVATIVE YET INTUITIVE HPLC



# Cromite™ HPLC System

## Cromite™: Simplifies Research and Delivers Precision

The Cromite™ HPLC System is a compact high-performance liquid chromatography (HPLC) instrument for scientific research and education. It combines simplicity with advanced functionality, featuring automated single-vial injection, high-pressure flow, and sensitive UV/Vis detection for accurate identification and quantitation.

The system uses proprietary **single-ended column technology** (up to 150 mm) by SIELC Technologies, eliminating tubing and fittings, reducing dead volume, and enabling tool-free column replacement. Cloud-based software allows remote operation, real-time monitoring, and easy data sharing.

**Injection**  
Automatic, 1 Vial

**Flow rate**  
0.1 - 4.0 ml/min

**Wavelengths**  
Any 4 starting from 235 nm

**Pump type**  
Syringe

**Pressure**  
up to 4000 psi

**Supported Columns**  
4.6, 3.2, 2.1 mm ID

**Column Length**  
150 mm or smaller



4.5 x 7.5 x 4.5 inc  
3.2 lb

# Alltesta™ Automated Analyzer

## Alltesta™: Boosts Productivity and Ensures Accuracy

The Alltesta™ Automated Analyzer, developed by SIELC Technologies, provides a sophisticated solution for high-performance liquid chromatography (HPLC). Its compact size allows installation even in space-constrained environments, and its high-performance capabilities make it invaluable in labs that demand rapid and accurate results. The Alltesta™ Automated Analyzer utilizes HPLC.cloud for data management and cloud-based analytics, enhancing workflow efficiency, accessibility, and data safety. This integration simplifies remote access, real-time monitoring, and data sharing, making it a powerful tool for laboratory operations.

**Injection Type**  
High pressure

**Sample Capacity**  
Automatic, 48/96 Vials

**Flow Rate Range**  
Pressure limit

**Injection Range**  
1-75  $\mu$ L

**Wavelengths**  
Any 4 starting from 235 nm

**Supported Columns**  
4.6, 3.2, 2.1 mm ID

**Pump type**  
Syringe

**Column Length**  
Any



# Alltesta™ Mini-Autosampler

## The Mini-Autosampler Frees Up Time & Handles Accuracy

The Alltesta™ Automated Analyzer, developed by SIELC Technologies, provides a sophisticated solution for high-performance liquid chromatography (HPLC). Its compact size allows installation even in space-constrained environments, and its high-performance capabilities make it invaluable in labs that demand rapid and accurate results. The Alltesta™ Automated Analyzer utilizes HPLC.cloud for data management and cloud-based analytics, enhancing workflow efficiency, accessibility, and data safety. This integration simplifies remote access, real-time monitoring, and data sharing, making it a powerful tool for laboratory operations.

**Maximum Pressure**  
High pressure

**Volume Accuracy**  
0.1  $\mu$ L

**Plate**  
48, 96, 384 vials

**Syringe Volume**  
120  $\mu$ L, 4000  $\mu$ L

**Valve options**  
6×2, 7×6, 10×9, 7×6\*, 6×2\*  
\*other rotor

**Needle**  
36 mm, 46 mm



SCAN HERE

6.3 x 5.7 x 7.7 inc  
6.6 lb

# Alltesta™ Mini UV-Vis Detector

## The Detector Sheds Light on the Analytes

The Alltesta™ Mini UV-Vis Detector is designed for accurate, real-time monitoring of optical properties in flowing solutions. It features a simple setup with a USB interface for communication with the Alltesta™ Analyzer or other instruments. With a low optical cell volume (<3  $\mu$ L) and minimal dispersion, it collects data at 20 sps per optical channel, making it ideal for demanding applications.

The detector can be supplied with an optional connector which provides an analog signal output.

**Optical Cell Volume**  
<3  $\mu$ L and 10  $\mu$ L

**Cell Pressure**  
250 psi (18 bar)

**Cell Optical Path**  
7.0 mm

**Pressure Accuracy**  
235 nm and up

**Liquid Ports**  
10-32 UNF compression

**Wavelengths**  
Up to 4

**Data Rate**  
20 sps/channel



6.3 x 5.7 x 7.7 inc  
0.55 lb

# Alltesta™ Mini Syringe Pump

## The Syringe Pump Delivers Pulseless Liquid Flow

Alltesta™ Mini Syringe Pump delivers a steady, pulsation-free flow at high pressures, eliminating the need for dampeners, mixers, and check valves. It refills in under a minute and offers flow rates from 1  $\mu\text{L}/\text{min}$  to 4000  $\mu\text{L}/\text{min}$  with pressures up to 4000 psi (275 bar), making it ideal for demanding applications.

The pump features easy USB setup for communication with the Alltesta™ Analyzer or other instruments, and comes with free Windows-based software for full control.

**Maximum Pressure**  
4000 psi (275 bar)

**Flow Rate Range**  
0.001 to 4 mL/min

**Syringe volume**  
5.8 mL

**Wavelength Range**  
 $\pm 1$  psi

**Contact with liquid**  
SS316, PTFE, PEEK

**Speed Accuracy**  
1% of full-scale

**Linearity Full Range**  
Linearity Full Range



SCAN HERE



2.5 x 6.6 x 5.0 inc



0.55 lb

# Alltesta™ Mini Syringe Pump

## Our High-Pressure Switching Valve Expands Opportunities

The Alltesta™ Mini Switching Valve offers versatility and convenience for laboratory fluid management applications. It features flexible flow switching at varying flow rates and can be used independently or as part of the Alltesta™ Analyzer or Alltesta™ Autosampler.

With customizable options, including up to 10 available ports on the stator, the valve can be tailored to specific needs. It is built to handle pressures up to 5000 psi (345 bar) and boasts a fast 60 degree switch time of 200 milliseconds.

**Pressure**  
5000 psi (345 bar)

**Switching speed**  
For 60 degree: 200 ms

**Valve options**  
6×2, 7×6, 10×9, 7×6\*, 6×2\*  
\*other rotor

**Power requirements**  
5.8 mL

**Contact with liquid**  
SS316, Vespel®, PTFE, PEEK



2.5 x 1.8 x 4.6 inc  
0.95 lb

# Alltesta™ Mini Liquid Handling Station

## The Liquid Handling Station **Seamless Sample Processing**

The Alltesta™ Mini Liquid Handling Station (LHS) is a compact, cost-effective solution for automating sample handling in labs. Designed for easy integration, it offers efficient, customizable liquid handling with its patented mechanical structure and adjustable speeds.

The LHS includes in-vial sample mixing, a needle washing station for four solvents, and OEM customization options like custom needle lengths and trays. It also supports comprehensive software integration for smooth operation.

**Needle Wash**  
Inside and Outside

**Plate**  
48, 96, 384 vials

**Power**  
24 V

**Needle**  
36 mm, 46 mm



SCAN HERE

6.3 x 5.7 x 7.7 inc  
5.0 lb

# Samplify™ Automated

## The Automated System for Precise, Contamination-Free Sampling

The Samplify™ Automated Sampling System performs sampling from any closed or open liquid-containing system, including Reactor setups with high pressure, high temperatures, or other extreme and hazardous conditions, without the need for operator intervention. It automatically collects samples at specified time intervals, improving accuracy, safety, and time efficiency.

The Samplify™ reduces cross-contamination, prevents exposure to oxygen or moisture in anaerobic conditions, and enhances reproducibility.

**Draw/refill rates**  
Up to 48,000  $\mu\text{L}/\text{min}$

**Plate**  
48, 96 vials

**Contact with liquid**  
SS316, PTFE, PEEK

**Syringe Volume**  
4000  $\mu\text{l}$

**Variable sample volume**  
From 5 to 500  $\mu\text{L}$



6.3 x 5.7 x 7.7 inc  
5.0 lb



Your account is reachable **by any** internet ready device

The web-application [www.hplc.cloud](http://www.hplc.cloud) solves the problem of instrument control and data handling.

Run injections and sequence, record chromatograms, integrate peaks and estimate compounds.

By connecting instruments directly to a secure cloud server, the software provides a centralized and flexible solution for managing HPLC operations.

#### Cloud Platform

Access data from anywhere in the world

#### Secure

Secure storage of methods and results

#### Collaboration

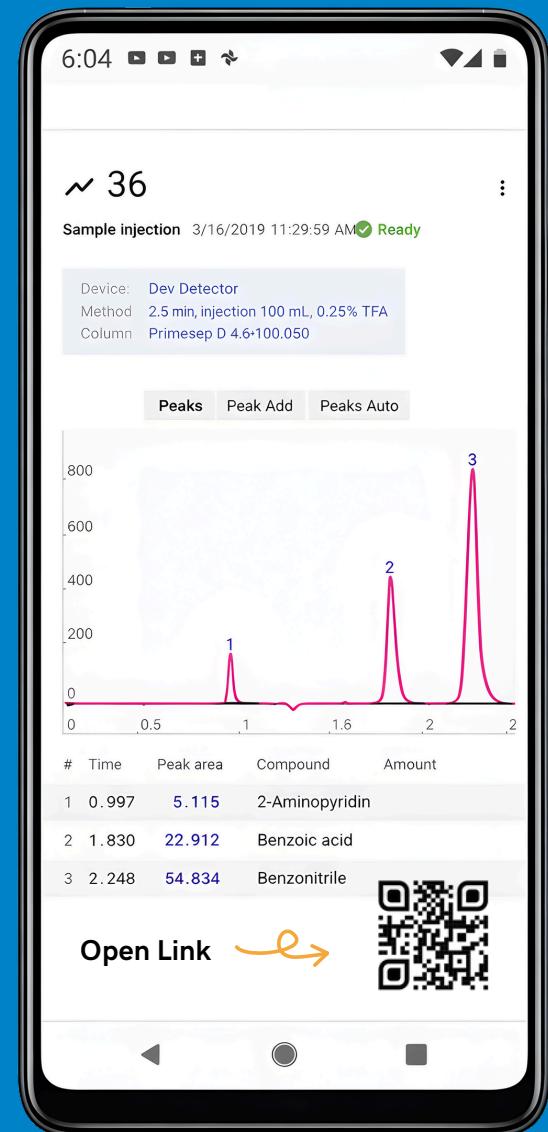
Ability to share data and methods with colleagues

#### Data Processing

Includes powerful tools for interpreting and visualizing results

#### Method Management

Remotely develop, store, apply and share analysis methods





# Method development

At SIELC Technologies, with over 20 years of expertise and more than 1,390 methods developed, we specialize in solving the toughest separation challenges for polar, hydrophobic, multicharged, and other complex compounds.

Our **FREE** method development service is designed to help you achieve optimal separation, no matter how difficult your analysis may be.

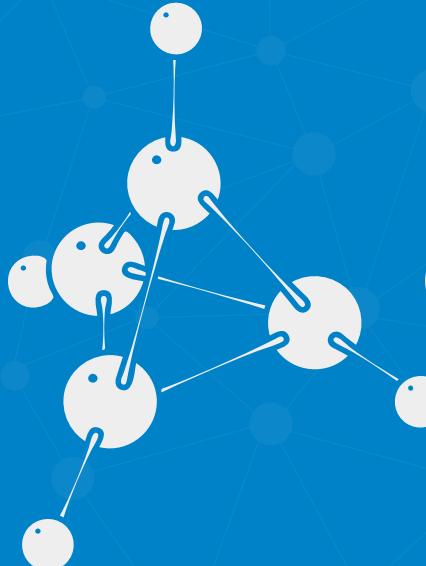
## How It Works:

1. Tell Us About Your Sample - Share the details of your analytes and any specific separation issues you're facing.
2. We Develop a Tailored Method - Leveraging our expertise and proprietary columns, we design a custom method to address your unique requirements.
3. Achieve Consistent, High-Quality Results - With your new method in hand, you'll experience reliable separations you can trust every time.

## Ready to Get Started?

Simply fill out the form to start your free method development. We're here to help you achieve the best results.





# Contact Us

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**Open Link**