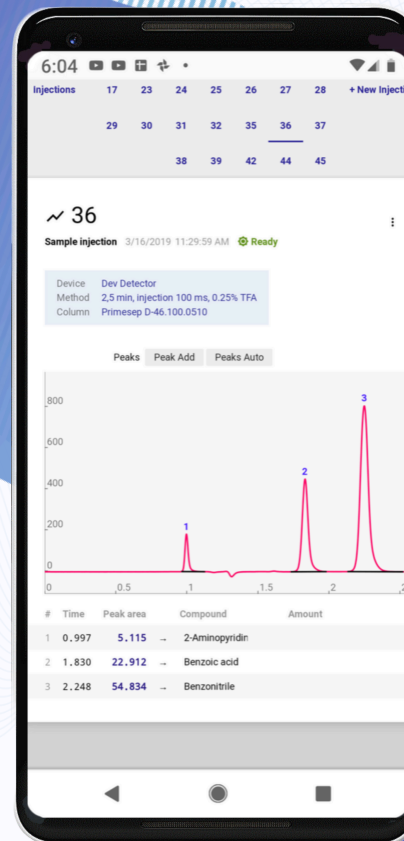




more at [www.sielc.com](http://www.sielc.com)

# Product Catalog

INNOVATIVE YET INTUITIVE HPLC





# Cromite™ HPLC System

Cromite™: Simplifies Research and Delivers Precision



The Cromite™ HPLC System is a HPLC instrument for scientific research and education. Compact yet powerful, it offers simplicity with advanced functionality. The instrument features automated single-vial injection, high-pressure flow, and sensitive UV/Vis detection for precise identification and quantitation of different compounds.

Seamlessly integrating with cloud-based software, the Cromite™ enables remote operation, real-time monitoring, and effortless data sharing, fostering collaboration and supporting modern research workflows.

## Injection

Automatic, 1 Vial

## Pressure

up to 4000 psi

## Flow rate

0.1 - 4.0 ml/min

## Wavelengths

Any 4 starting from  
235 nm

## Supported Columns

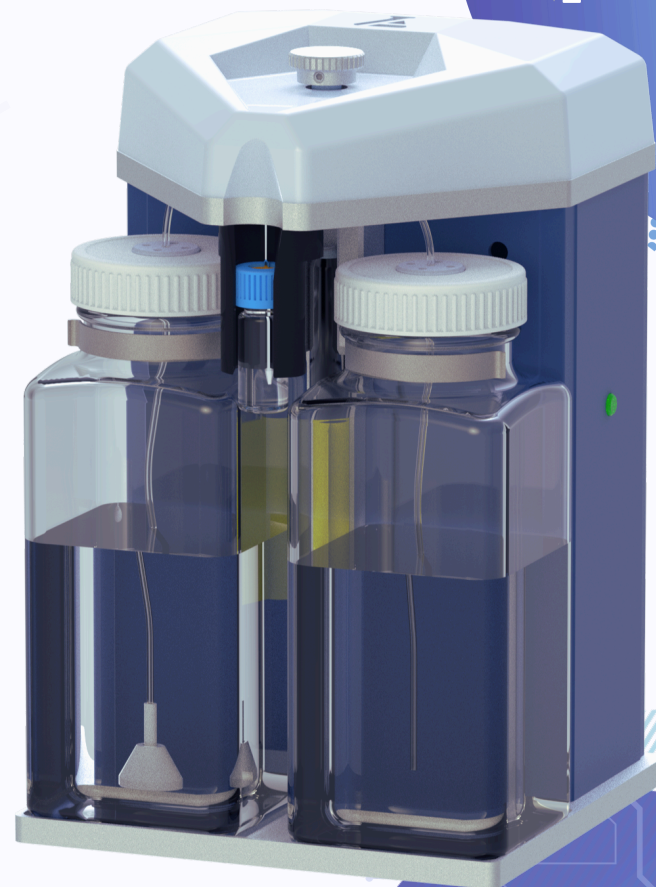
3.2 and 2.1 mm ID

## Pump type

Syringe

## Column Length

115 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 is a versatile tool for HPLC that can be configured in various ways to meet your specific needs. This allows it to function as both a gradient analyzer and an isocratic analyzer. In addition to these primary configurations, the Alltesta™ Automated Analyzer can be customized for different conditions and requirements. Cloud connectivity enables remote monitoring and access to data, providing flexibility and efficiency in workflows. The analyzer's compact design allows it to be installed in space-constrained environments without compromising performance.

With a wide range of possible configurations and settings, the Alltesta™ Automated Analyzer is the ideal solution for laboratories seeking flexibility and high performance, regardless of the nature of their work.

## Injection Type

High pressure

## Injection Range

1-75 µL

## Pump type

Syringe

## Sample Capacity

Automatic,  
48/96 Vials

## Wavelengths

Any 4 starting from  
235 nm

## Flow Rate Range

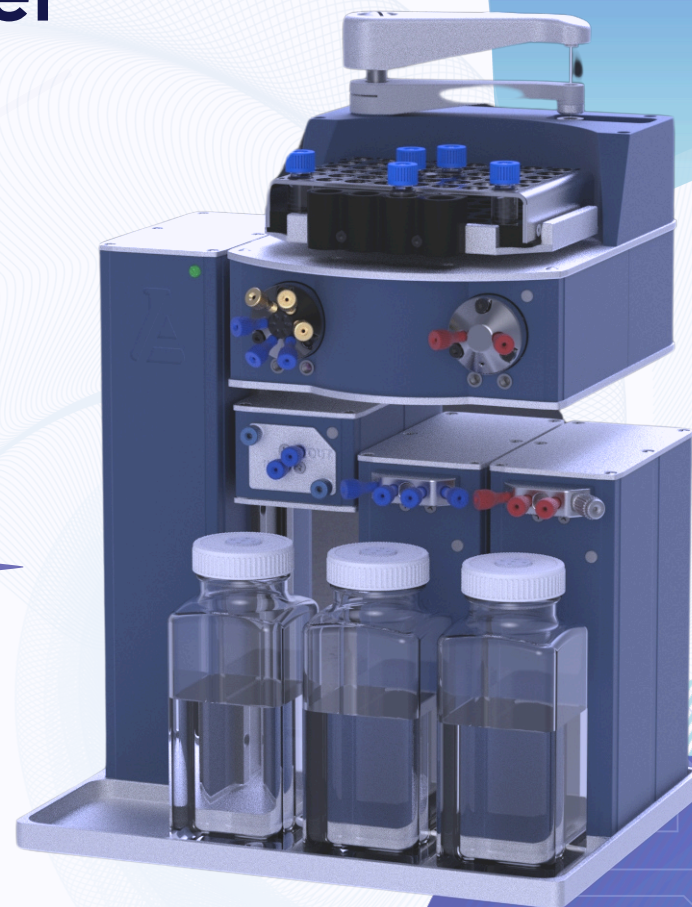
Pressure limit

## Supported Columns

3.2 and 2.1 mm ID

## Column Length

Any





# Alltesta™ Mini Autosampler

The Mini-Autosampler **Frees Up Time** and Handles Accuracy



SCAN HERE

The Alltesta™ Mini-Autosampler offers a cost-effective solution for automated liquid sample handling in various environments. Its compact, customizable design makes it ideal for space-limited areas and mobile instrumentation. Key features include a small footprint, flexible configuration, and sample mixing capabilities.

Enjoy comprehensive control with direct access to all features—build sequences, manage injection order, and assign methods to each sample.

## Maximum Pressure

5000 psi (345 bar)

## Plate

48, 96, 384 vials

## Communication

RS232 Virtual COM  
port via USB

## Syringe Volume

120 µl, 4000 µl

## Needle

36 mm, 46 mm



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  $\mu\text{L}$ ) 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  $\mu\text{L}$  and 10  $\mu\text{L}$

## Cell Pressure

250 psi (18 bar)

## Cell Optical Path

7.0 mm

## Liquid Ports

10-32 UNF  
compression

## Wavelength Range

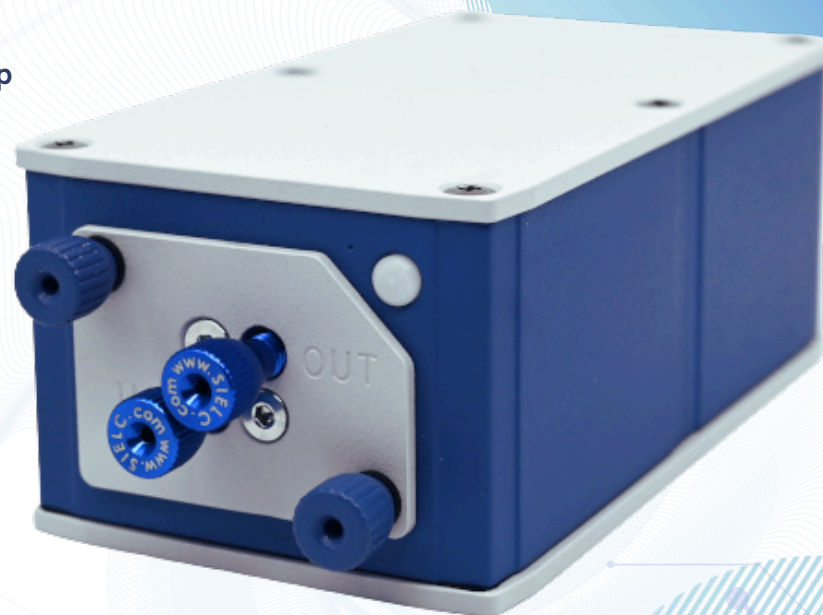
235 nm and up

## Wavelengths

Up to 4

## Data Rate

20 sps/channel



2.5 x 1.8 x 4.6 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

## Pressure Accuracy

$\pm 1$  psi

## Speed Accuracy

1% of full-scale

## Linearity Full Range

Linearity Full Range



2.5 x 6.6 x 5.0 inc

3.7 lb



# Alltesta™ Mini Switching Valve

**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

## Contact with liquid

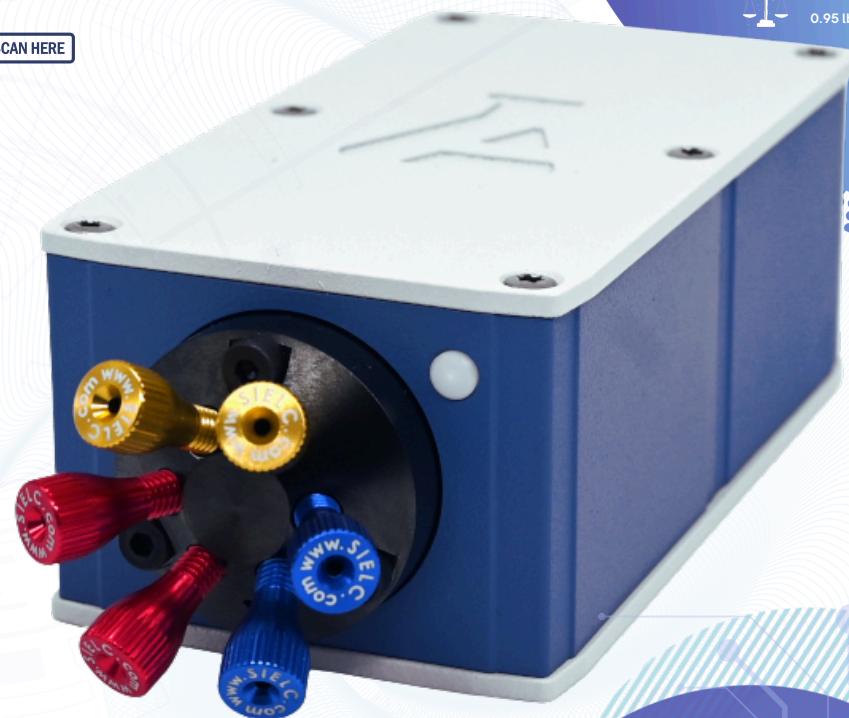
SS316, Vespel®,  
PTFE, PEEK

## Power requirements

USB type B

## Needle

36 mm, 46 mm





# 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.

## Valve options

6x2, 7x6, 10x9

## Plate

48, 96, 384 vials

## Communication

RS232 Virtual COM  
port via USB

## Syringe Volume

120 µl, 4000 µl

## Needle

36 mm, 46 mm



6.3 x 5.7 x 7.7 inc

5.0 lb

# Samplify™ Automated

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



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

## Draw/refill rates

Up to 48,000  
μL/min

## Contact with liquid

SS316, PTFE, PEEK

## Syringe Volume

4000 μl

## Plate

48, 96 vials

## Needle

36 mm, 46 mm



6.3 x 5.7 x 7.7 inc

5.0 lb





# HPLC.cloud

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

## Collaboration

Ability to share data and methods with colleagues

## Secure

Secure storage of methods and results

## Data Processing

Includes powerful tools for interpreting and visualizing results

## Method Management

Remotely develop, store, apply and share analysis methods







# Method development

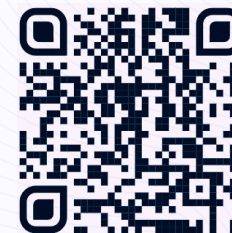
At SIELC Technologies, with over 20 years of expertise and more than 1,390 methods developed, we specialize in solving the toughest separation challenges for polar, hydrophobic, multicharged, and other complex compounds. Our FREE method development service is designed to help you achieve optimal separation, 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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