Clarity™

ADVANCED CHROMATOGRAPHY SOFTWARE

Chromatography software developed in **dialog with users**.

More than 1000 **controlled instruments**.

Extensions for specific types of analyses such as PDA, MS.

Ready-to-use tools for **regulated environment**.

Exceptional **support** from chromatography experts.

Competitive pricing.

GET FREE DEMO

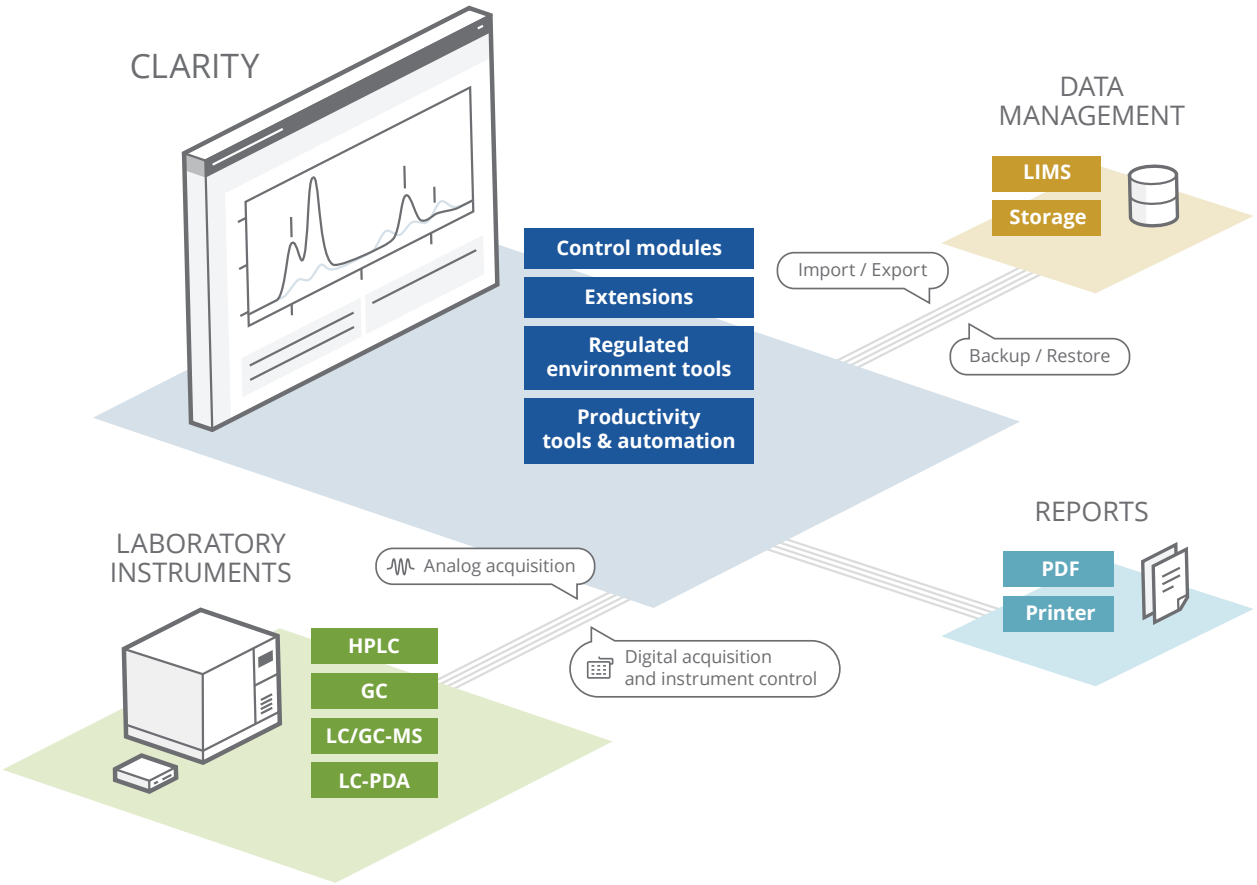
DataApex www.dataapex.com

Clarity™ ADVANCED CHROMATOGRAPHY SOFTWARE

Multiple instruments. Connect up to four independent complete GC or HPLC systems, each with up to 32 detector signals.

Modular and scalable software. Choose only extensions and control modules you actually need and upgrade it anytime.

Easy installation. Install the software quickly by yourself and complete the configuration setup intuitively.



Analytical instruments and control modules

Laboratory instruments. With Clarity software you can connect various instruments from different manufacturers in one software. Besides the common GC, HPLC, and autosamplers, Clarity covers EA and CE systems, valves, PDA (DAD), MS detectors, and many others.

Digital acquisition and instrument control. You can directly control more than 1000 instruments with Clarity using control modules. It includes digital data acquisition and setting of instrument methods from Clarity environment, e.g., setup of the GC temperature gradient.

Analog acquisition. Clarity also offers a solution for instruments that do not have their own control module. In such case, detectors with analog data output can be interfaced to Clarity through our Colibrick A/D Converter, and the instruments are controlled using their local keyboard.

Clarity™ ADVANCED CHROMATOGRAPHY SOFTWARE

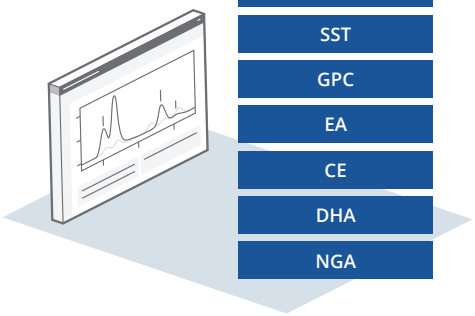
Localization. The Clarity software is available in multiple languages: German, French, Spanish, Russian and Chinese. They can be switched quickly anytime.

Customer Support. Clarity is not just a "software"; it also means extensive support from DataApex team. We aim to provide the best user experience.

Detailed Specification & Guides. The complete documentation includes list of controlled instruments, PC compatibility table, manuals, video tutorials, and more.

Extensions

Expand your software capabilities for various application areas with optional extensions. They provide features specific to a given type of analysis or needed for a particular task.



PDA	Photodiode Array Detectors
MS	Mass Spectrometry
SST	System Suitability Test
GPC	Gel Permeation Chromatography
EA	Elemental Analysis
CE	Capillary Electrophoresis
DHA	Detailed Hydrocarbon Analysis
NGA	Natural Gas and Liquefied Petroleum Gas Analysis

Regulated environment

Tools for GLP/GMP and 21 CFR Part 11 compliance. Ready-made procedures for the system set up in regulated environment. We have prepared step-by-step SOPs that help you set the system according to the requirements of the regulated environment.

Data integrity assurance. Data are safely stored and it is always clear who made the changes and why. Clarity provides detailed audit trails for system, methods, and parameters of directly controlled instruments so that you can easily inspect the workflow.

Validations. Clarity offers tools for Installation Qualification (IQ) and Operation Qualification (OQ) for both digital and analog data acquisition. Analog detectors require the DataApex Validator - a precise peak generator that is included in the Validation Kit.

Productivity tools & automation

Customizable computations. The User Columns in the Result Table enable you to add various calculations based on customer requirements. The System Suitability Test checks the measured results against the limits set in the SST method and invokes corresponding reaction.

Automation. Clarity allows for high sample throughput. The sequences and batch operations process large quantities of samples in a short time. Unattended operation is enabled by events reacting to specific situations during analyses. The post-run commands can be applied, e.g., export and print operations.

Cooperation with LIMS. Clarity supports integration with Laboratory Information Management System to ease the workflow in your organization. It is ensured by the import of sample sequence tables and the export of processed results to your corporate LIMS.

Clarity chromatography software family

Clarity™

Clarity is our main product. It includes all the available features, such as data acquisition from multiple instruments; direct control of GCs, LCs, and autosamplers using control modules; access to advanced analyses through Extensions; and support of 21 CFR Part 11.

Clarity™ OFFLINE

Clarity Offline allows evaluation of data and preparation of methods without connection to instruments. By importing previously acquired data, the offline edition provides access to projects from any PC on network. It is not intended to control the instrument or to acquire data.

Clarity™ LITE

Clarity Lite is a simplified edition of Clarity that provides analog data acquisition and analysis from one chromatograph. It is an inexpensive solution not designed for instrument control or for regulated environment. It requires an A/D converter (Colibrick).

Business opportunities for partners

Clarity™ SDK

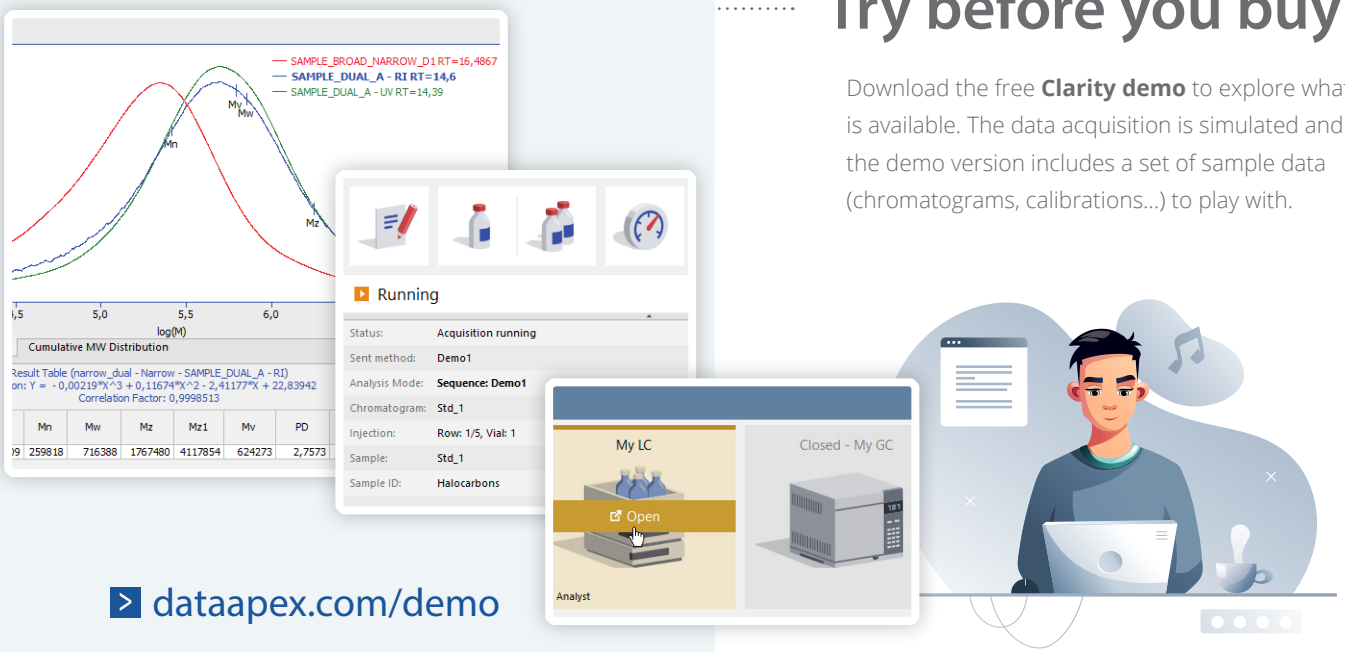
The Software Development Kit is used for development of custom control modules for Clarity software in C++ programming language. The SDK includes support for Agilent Instrument Control Framework (ICF) using the RC.Net drivers.

Clarity™ UNI RUBY

The UNI Ruby utility allows you to create control modules for Clarity software in Ruby programming language. It provides a stable, well-documented interface between Clarity software and the instrument.

Clarity™ OEM

The OEM solution enbles easy customization following customers' specific requirements. The options range from the simple incorporation of company name and logo in Clarity, all the way up to customizing the software.



Try before you buy !

Download the free **Clarity demo** to explore what is available. The data acquisition is simulated and the demo version includes a set of sample data (chromatograms, calibrations...) to play with.

dataapex.com/demo

DataApex reserves the right to make changes to described products without prior notice.

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