

INTRODUCTION TO CLARITY CHROMATOGRAPHY SOFTWARE

P007/80E 2022/12

Clarity

- Compatible with **any** chromatograph
- Multiple Instrument version
- Tools for CFR 21 Part 11 compliance included
- Modular
- Scalable



Instrument 1 - Device Monitor

File Control View Window Help

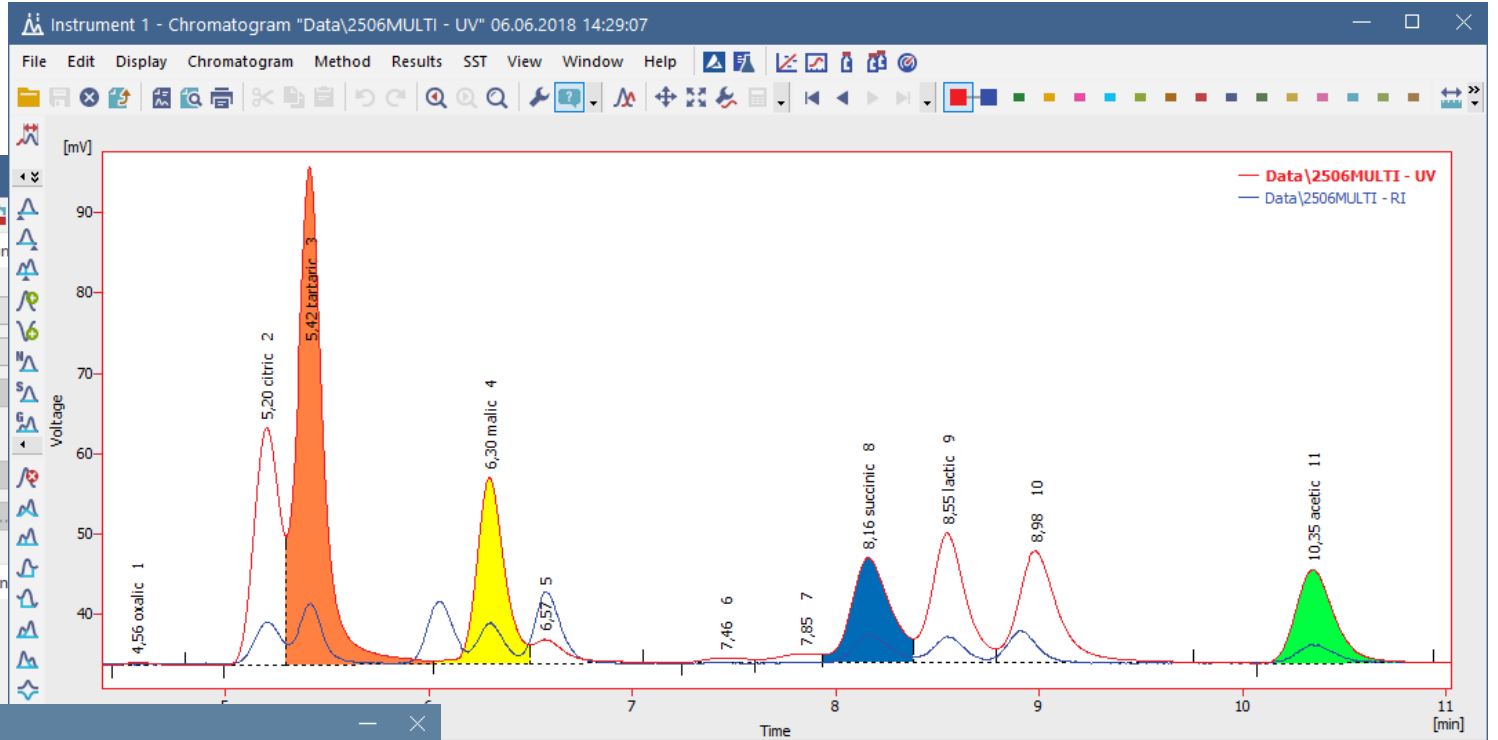
LC Monitor Running

Component	Flow	Time [min]
A	1,000	0,50
B	0,000	
C	0,000	
-	-	

Total Flow [mL/min]: 1,000
Pressure [MPa]: 0,00

Colibrick SN 1284 Running

Input no.	Current State:	Descriptions:	Output no.	Current State:	Descriptions:
1	●	Digital Input 1	1	●	Digital Output 1
2	●	Digital Input 2	2	●	Digital Output 2



Clarity

System Instruments View Help

Instrument 1

Administrator Ready

Instrument 2

Analyst Running

Instrument 3

Instrument 4

For Help, press F1

Peak Table

Peak Type	Compound Name
Ordnr	oxalic
Ordnr	citric
Ordnr	tartaric
Ordnr	malic
Ordnr	succinic
Ordnr	lactic
Ordnr	acetic
Ordnr	methanol

Common for All Signals

Calibration File (Peak Table): 250X8HR1
 Open with stored calibration
 Calculation: ESTD
 Integration Algorithm: 8.0

Report in Result Table:
 All Peaks
 All Identified Peaks
 All Peaks in Calibration
 Hide ISTD Peaks

Unidentified peaks:
 Response Base: Area Height
 Response Factor: 0

Scale:
 Use Scale Factor
 Scale Factor: 1
 Units: ul

Amount [g/l]: 0
 Inj. Volume [μL]: 0
 Dilution: 1
 ISTD1 Amount [g/l]: 0

Results All Signals Results Summary Performance Integration Measurement Conditions SST Results

For Help, press F1

Clarity

- Up to 4 independent Instruments
- Up to 32 signals on each Instrument
- Optional Extensions
- Optional Control modules
- Offline version for data processing
- Multi-lingual: English, German, Spanish, Chinese, French, Russian

Clarity can control 1000+ instruments

→ We can control almost anything

- Agilent
- Antec
- CTC Analytics
- DANI
- ECOM
- Flom
- Gilson
- GL Sciences
- Hitachi
- HTA
- Knauer
- LabAlliance/SSI
- PerkinElmer
- Shimadzu
- Shodex
- Spark
- Sykam
- and many many more...

Clarity Extensions

➔ Optional Extensions increasing application capabilities

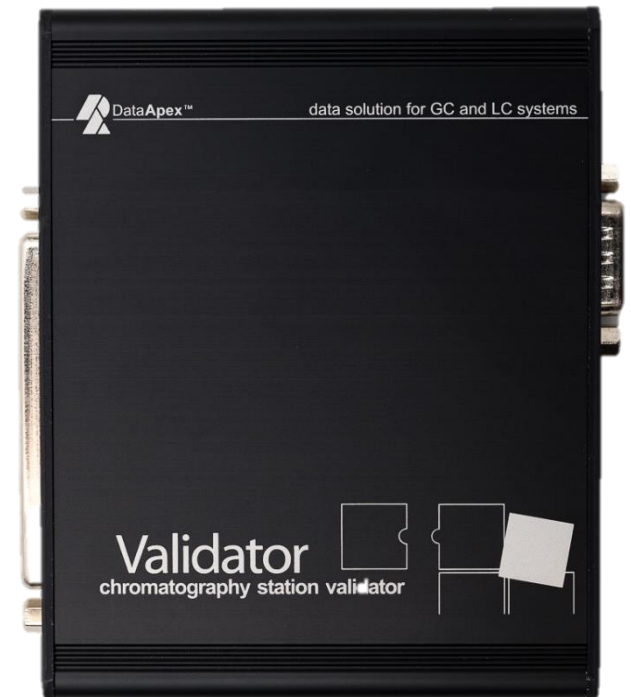
- MS Mass Spectrometry
- GPC Gel Permeation Chromatography
- PDA Photo Detector Array
- DHA Detailed Hydrocarbon Analysis
- NGA Natural Gas Analysis
- CE Capillary Electrophoresis
- SST System Suitability Test

Ready for a Regulated Environment

- Validation Kit for Operational Qualification (OQ)
- Tools for CFR 21 Part 11 and GLP compliance
- Logging reasons for changes
- Electronic signatures
- IQ & OQ procedures

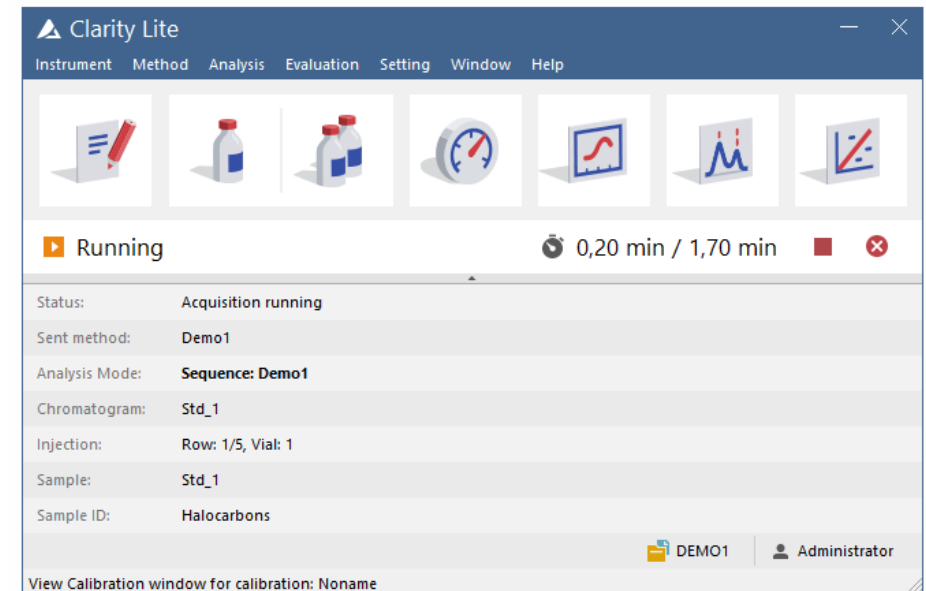
Validation Kit

- Designed for Clarity with Colibrick, U-PAD/2, Net-PAD and INT7/9
- SST extension compulsory for data evaluation
- Includes a Validator, predefined methods, manual and cables
- OQ Clarity Validation Wizard



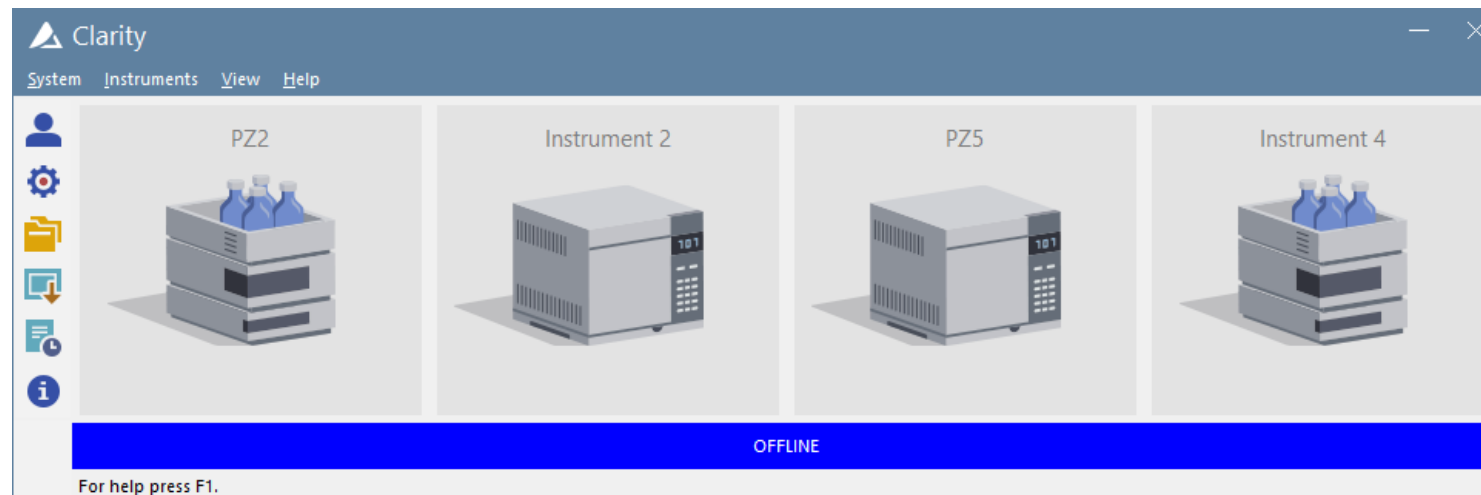
Clarity Lite

- Simplified Clarity version
- Low cost
single Instrument solution
- For chromatographs where
direct control is not available
- Easily upgradable to full Clarity



Clarity Offline

- ➔ Clarity version for offline data processing on second computer
- ➔ Supports data import and extensions



Colibrick A/D converter

- Solution for legacy chromatographs
- Supports 1, 2 or 4 channels
- USB interface
- Cables included
- 3-year warranty



Zebrick D/A and D/f converter

- Solution for control of LC pumps driven by frequency or voltage
- 4 D/A and 4 D/f converters and 8 auxiliary logical inputs and outputs
- Cables included



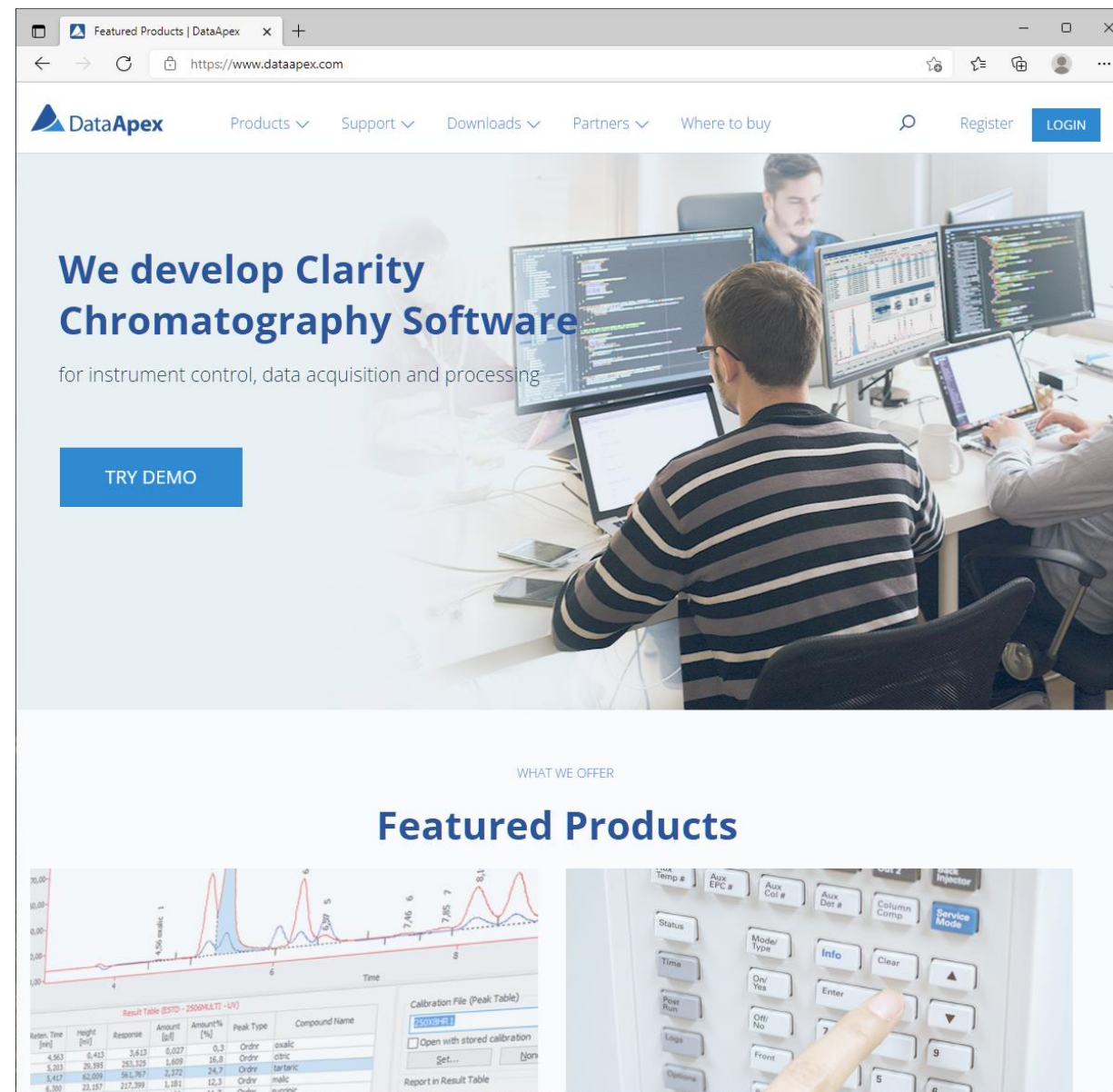
Proficient technical support



- Online support for registered users
- Fast response time
- Remote service via TeamViewer utility
- Wide range of online trainings
- Regular software updates

Information resources

- Web pages
- Manuals
- Brochures
- Social Media
- Demo USB toolkit



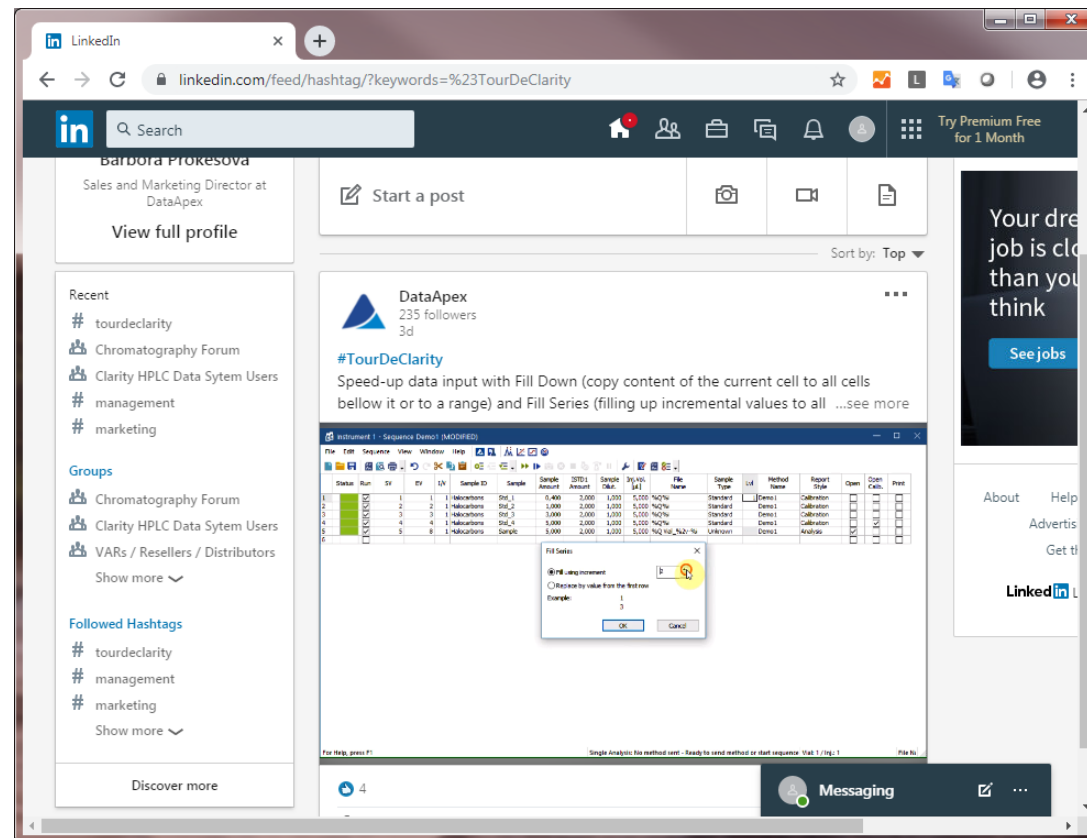
The screenshot shows the DataApex website homepage. At the top, there is a navigation bar with the DataApex logo, a search icon, and links for Products, Support, Downloads, Partners, and Where to buy. There are also buttons for Register and LOGIN. The main content area features a large banner with the text "We develop Clarity Chromatography Software" and "for instrument control, data acquisition and processing". Below this is a blue button labeled "TRY DEMO". The background of the banner shows a person working at a computer workstation with multiple monitors displaying data. Below the banner, there is a section titled "WHAT WE OFFER" and "Featured Products". This section contains two images: one showing a chromatogram plot with a table of results below it, and another showing a close-up of a control panel with various buttons and a finger pressing one of them.

Featured Products

Reten. Time [min]	Height [mV]	Response	Amount [pg]	Amount% [%]	Peak Type	Compound Name
4.563	0.413	3.613	0.027	0.3	Order	oxalic
5.303	20.395	253.325	1.609	16.8	Order	citric
5.417	40.098	364.367	2.372	24.7	Order	tartaric
6.300	23.157	217.399	1.181	12.3	Order	malic
4.300					Order	succinic

DataApex on Social Media

- ➔ Product highlights
- ➔ Company events and news
- ➔ Tips & Tricks videos



The screenshot shows a LinkedIn post from DataApex (235 followers, 3d) with the hashtag #TourDeClarity. The post text reads: "Speed-up data input with Fill Down (copy content of the current cell to all cells below it or to a range) and Fill Series (filling up incremental values to all ...see more)". Below the text is a screenshot of a chromatogram software interface showing a table with columns for Run, SY, IV, LN, Sample ID, Sample, Sample Amount, STD1 Amount, STD1 Conc, STD1 Sd, File Name, Sample Type, Method Name, Report Name, Open, and Print. A 'Fill Series' dialog box is overlaid on the chromatogram, with the 'Fill by increment' option selected and the value '1' entered. The dialog also includes a 'Fill by value from the first row' option and an 'Example' field showing '1' and '3'. The LinkedIn interface includes a search bar, navigation icons, and a 'Start a post' button.

DataApex supports education



- Educational discount
- Clarity Offline SW licence free of charge for every purchased Clarity or Clarity Lite software

Why to choose Clarity?

- Compatible with any chromatograph
- Extremely reliable and easy to use
- Modular and scalable solution
- Top-selling independent SW provider
- 30 000+ of users in 100+ countries
- Competitive pricing
- Proficient technical support
- Regular software updates



...THANK YOU FOR YOUR TIME



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