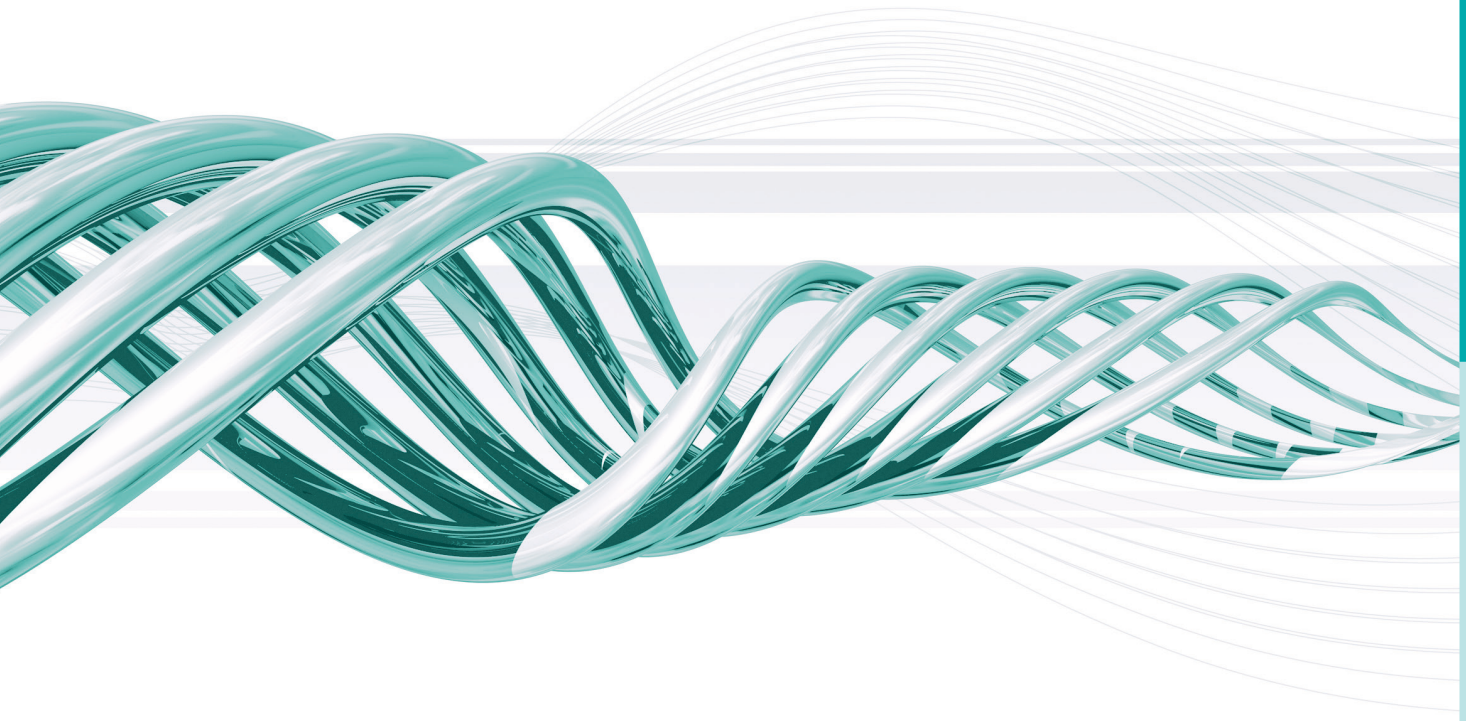
Clarity EA Extension

Software module for Elemental Analysis

Determining the Carbon, Hydrogen, Nitrogen, Oxygen, and Sulphur (CHNS-O) content of unknowns is one of the most basic and essential needs of any chemist.

EA Extension provides a simplified version of the Clarity user interface that speeds up the workflow with elemental analyzers equipped by autosamplers.

EA Extension is an optional addition to Clarity software, it cannot be used as a standalone program.



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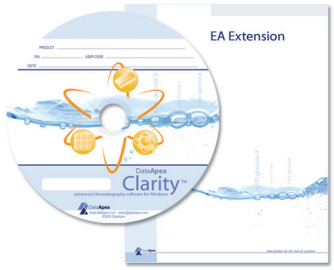

The EA Extension is an optional fully integrated addition to Clarity software. It can be ordered as a part of new software or as an extension to existing software.
It is designed for use with elemental analyzers using the combustion/gas chromatography technique.

The Clarity Chromatography Software is designed to acquire and evaluate data from up to four multidetector chromatographs at a time (four independent timebases). The EA mode is selectable for any Instrument within a station. The EA Extension is also compatible with Clarity Offline software.

Features

Calibration: *Simplified work with template method and calibration. One setting is shared for all samples in the same sequence.*

Standard Table: *For your convenience, the software contains Standard Table with a list of the most commonly used calibration standards and their elemental composition.*

Reporting: *Clarity EA supports the printing of user defined protocols. Its configuration is saved in a report style, which defines the content and form through the printout. Protocols can be printed to the PDF file.*

Analytical balance: *The Clarity Elemental Analysis Software provides direct interface with the analytical balance (Sartorius and Mettler). After weighing the sample, the operator presses the print key on the balance (or uses software instruction) to directly transfer the sample weight to the software sample information field thereby eliminating any possible transcription errors.*

Sequence Table: *Measurement is managed using the Sequence Table. The Summary Table displays results clearly. ASCII and AIA data formats can be exported or imported directly.*

Database: *Results can be exported in the .txt and .dbf format.*

Specification

Part No.:	A30
Related products:	Clarity (p/n C50) - required
	Analytical Balance Control module (p/n A24 or A22)
Interface:	any elemental analyzer equipped with analog data output
EA technique:	combustion/gas chromatography