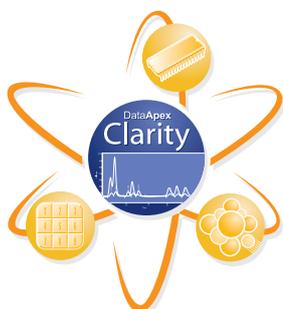


# Clarity Control Fraction Collector



## General Purpose Fraction Collector (FC GP) control using Clarity Chromatography Software

The Clarity Chromatography Station allows for the direct control of selected fraction collectors using the General Purpose Fraction Collector (FC GP) driver.

The direct control of fraction collection and support for the display of fractions in a chromatogram makes Clarity one of the most outstanding tools of preparative chromatography on the market today.

The FC GP control is designed to function with any fraction collector controlled by Collect/Waste and Next fraction events.



**Fraction Table:** The user can easily and directly set the method for collecting fractions in the Method Setup - Fraction Table dialog. Fractions are then collected on the basis of signal level or signal slope in the given time interval.

**Fraction Collector Results:** Actually collected fractions are indicated graphically in the chromatogram, as well as in the detail rich Fraction Collector Results table. The results can then be printed or exported to other programs.

**Online monitoring:** The Device Monitor and Data Acquisition windows allow for the online monitoring of the FC. Moreover, in the Device Monitor the user can manually trigger the Collect/Waste and Next fraction signals or return to the collection program.

**Direct control:** Direct control of the fraction collector using the GP FC driver requires the use of Clarity software with LC Control allowed, as well as an interface device with digital (TTL) outputs, such as DataApex Colibrick, U-PAD2 or INT9 A/D converters.

**Scalability:** The solution for preparative chromatography can be further extended by direct control of additional devices, such as valves.

For more information contact [clarity@dataapex.com](mailto:clarity@dataapex.com) or download the FC GP manual from our website, [www.dataapex.com](http://www.dataapex.com).

## Specification

**Controlled devices:**

The FC GP control module is compatible with all fraction collectors that are controlled using the Collect/Waste and Next fraction signals.

**Communication interface:**

Digital outputs from DataApex A/D converters

**Purchasing:**

LC Control - (p/n A24)

**Related products:**

Clarity - (p/n C50) - required

A/D converter (Colibrick, U-PAD2, INT9, ...) - required

Terminal Board (p/n SV8 or SV9) - recommended

