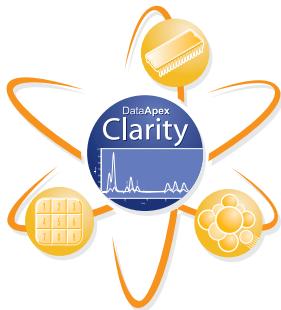


Clarity Control Shimadzu HPLC

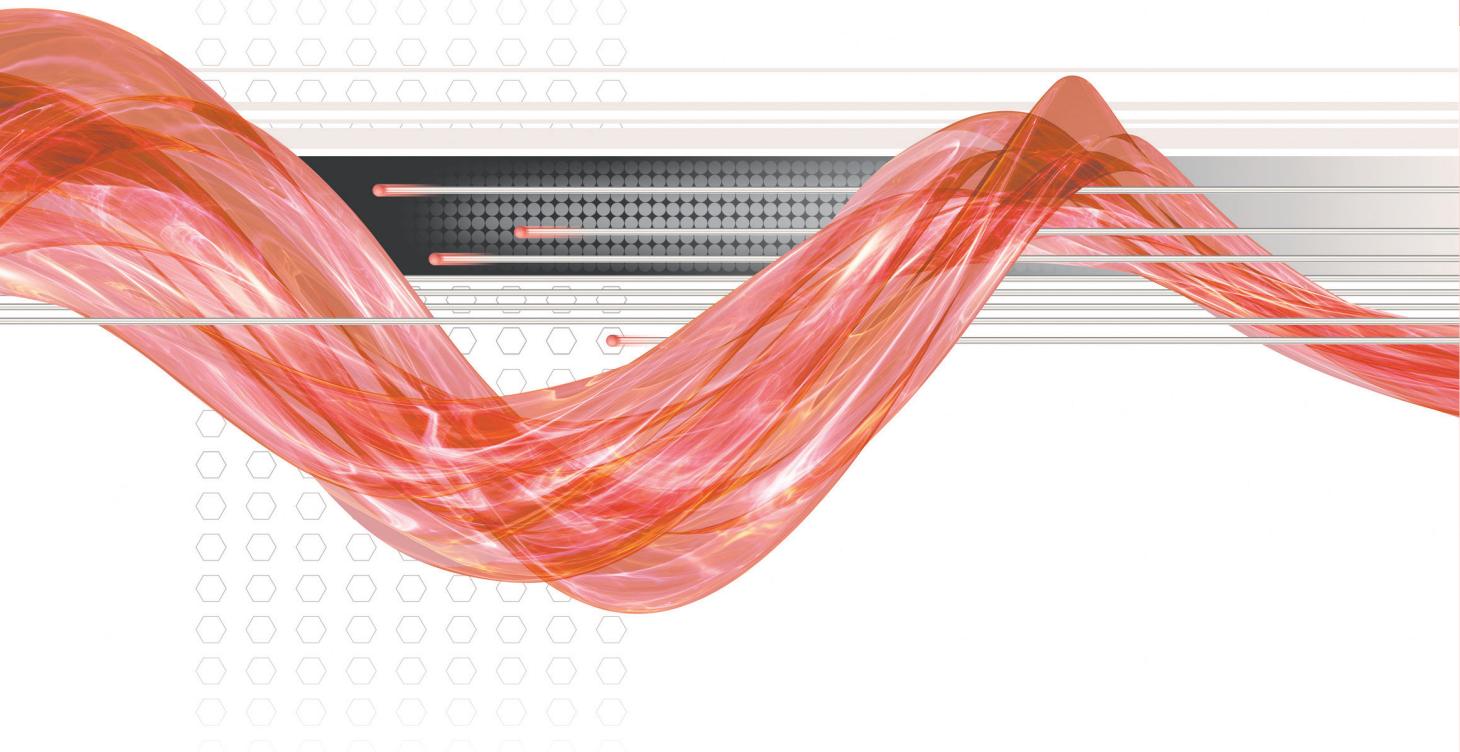


Direct control of Shimadzu LC-10 and LC-20 (Prominence) series using Clarity Chromatography Software

The Clarity Chromatography Station allows for direct control of selected Shimadzu HPLC components which are controlled through the SCL-10AVP or CBM-20A (Lite) controllers.

Optional control modules enable Clarity to provide integrated instrument control and to ensure complete automation for laboratories.

The control module includes parameters for the HPLC pumps, column oven, detectors (including PDA), autosampler, etc. A dedicated PDA Extension enables the evaluation of data from PDA systems.



Users can easily and directly set all the parameters of the HPLC system from his or her computer. All these parameters are collected in the instrument method displayed in the corresponding tab of the Method Setup dialog. The LC method gives complete control over the pump, detectors, valves, time events, and autosampler. The applied LC method will be stored in the chromatogram file and can be displayed or printed at any time.

The Device Monitor window allows for the online monitoring of the HPLC in both the current and required values. This, for example, makes it easy to establish whether a temperature has already stabilized. The HPLC configuration can be reviewed or edited in the System Configuration dialog.

The LC Control is an optional software module for Clarity Chromatography Software. An optional AS Control module is also available for wide range Shimadzu LC-10/LC-20 compatible autosamplers, such as SIL10-ADvp, SIL-HTA or SIL HTC.

Clarity Chromatography Software is designed to acquire and evaluate data from up to four multi-detector chromatographs at one time (four independent time bases).

The Shimadzu HPLC control module was developed with the mutual agreement of the Shimadzu Company and is based on detailed documentation, which they had provided.

For more information, contact clarity@dataapex.com or download the Shimadzu HPLC manual from our website, www.dataapex.com.

Specification

Controlled devices:

The LC control module is compatible with selected components that are controlled through the SCL-10AVP or CBM-20A (Lite) controllers, a detailed list is available at www.dataapex.com.

Communication interface:

COM (RS232)

LAN - supported by CBM20 only

Digital Data Acquisition

Supported parts:

HPLC pumps, detectors, autosamplers, column ovens, valves, etc. A detailed list with specific types can be found at www.dataapex.com.

Related products:

Clarity
PDA Extension - for evaluating 3D data from PDA detectors
LC Control - (p/n A24)

Purchasing:

AS Control - (p/n A26) - optional
PDA Extension - (p/n A29) - optional
RS232 or LAN Cable

