

Shimadzu GC-2014C control module

Clarity Chromatography Software allows for the direct control of the Shimadzu GC-2014C gas chromatograph (GC). The GC control, together with the AOC-20i or other autosampler (AS) control provided by Clarity, brings integrated instrument control and ensures complete automation services for laboratories.

The GC control module is an optional software module for the Clarity software. Clarity is designed to acquire and evaluate data from up to four chromatographs at a time (multi-detector measurement).

The GC control is fully compatible with the GC-2014C gas chromatograph and can also control GC-2010, GC-2014, and GC-2014 APC/AFC chromatographs, with the restrictions shown below. This control includes digital data acquisition, temperature program control, and other minor features.



Shimadzu GC-2014C with AOC-20i AS

Detailed description can be found at: <https://www.dataapex.com/product/controls-gc-shimadzu-gc2014c>

Shimadzu GC-201X restrictions

The Shimadzu GC-2014C and GC-2014 gas chromatographs are simplified versions of GC2010. They have the same functions, except that the GC2014 series is not equipped with APC (advanced pressure controller – for the detector gases control), and its GC2014C subtype, targeted for the Chinese market, does not use APC and AFC (advanced flow controller – for the column gas flow control) systems.

	GC-2010	GC-2014	GC-2014C	GC-2014 APC/AFC
Digital acquisition	✓	✓	✓	✓
Temperature program control	✓	✓	✓	✓
AFC	✓	✓	✗	✓
APC	✓	✗	✗	✓



Shimadzu GC-2010 with AOC-20s AS

✓ feature supported by the instrument and Clarity

✗ feature unsupported by the instrument

Specification and requirements

- Controlled devices:** Shimadzu GC-2010, GC-2014, GC-2014C, GC-2014 APC/AFC
- Communication interface:** RS232
- Purchasing:** [GC Control](#) (p/n A23)
- Related products:** [Clarity](#) (p/n C50)
[AS Control](#) (p/n A26)
MultiCOM adapter (p/n MC01)
- Cable:** Serial cross DB9F-DB9F cable (p/n SK01)

For more information contact sales@dataapex.com