

AOC™-30 Series Autoinjectors can Now be Controlled and Packed Column Analysis can Now be Performed from Agilent OpenLab Software Shimadzu GC Driver Ver. 2.2 with Agilent OpenLab™ CDS Compatibility

Agilent OpenLab CDS chromatography data systems can now be used to control AOC-30 autoinjectors in Shimadzu Nexis™ GC-2030 systems and perform packed column analysis. Space-saving AOC-30 systems offer reliable and long-term performance, and support capillary/packed column analysis using only a single GC-2030 system.

■ Control of New Space-Saving and Highly Reliable AOC-30 Autoinjectors

AOC-30 systems support automatic analysis of up to 30 samples using a single tower. In combination with a GC-2030 system, the design results in a space-saving system only 553 mm wide. 4 mL bottles of up to four types of rinse solvents can be loaded for enhanced rinsing functionality that maintains high analytical performance for long periods. The analytical method editing window features the Sample Navigator. With Sample Navigator, methods prepared by experts in GC can be created with a single click. Systems can be expanded to hold up to 150 samples and 12 rinse solvent bottles by adding samplers to accommodate increased analytical capacity.



AOC™-30



ANALYTICAL INTELLIGENCE
Sampler Navigator

■ Allows Liquid Analysis and Headspace Analysis on a Single GC

In addition to standard liquid analysis using an AOC-30i autoinjector, the following types of analysis are also possible.

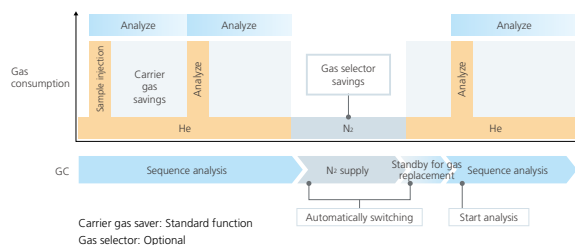
- Simultaneous analysis via two lines using a dual injection system
- Switching between liquid and headspace analysis for continuous analysis by installing both AOC-30i and HS-20 (NX) units

This optimal sample injection system helps maximize analytical productivity.



■ Minimizes Helium Gas Usage

By installing an optional gas selector in the GC-2030 system, the analytical method or OpenLab window operations can be used to switch between carrier gases. That means helium consumption can be minimized by switching to a substitute carrier gas after sequencing analysis is finished.



Product Lineup

Description	Versions with Functionality Verified
Shimadzu GC Driver Single for OpenLab CDS 2	OpenLab CDS 2.3 / 2.4 / 2.5 / 2.6
Shimadzu GC Driver Single for OpenLab EZChrom	OpenLab EZChrom A.04.08, A.04.09, A.04.10

- The same product is used both for standalone and network versions of OpenLab systems.
- To install the driver in an existing OpenLab system, please provide the version of applicable software and other relevant information in advance.

Controllable Hardware

GC Unit Nexis GC-2030, GC-2010 Plus, GC-2010, GC-2010 Pro, GC-2014, GC-2014c

Options AOC-30i autoinjector, AOC-20i (Plus) autoinjector, AOC-20s (U) autosampler, HS-20 (NX)/HS-10 headspace sampler, dual injection system

Nexis GC-2030

Sample Injector	SPL-2030, WBI-2030, OCI-2030, PTV-2030, SINJ-2030
Detector	FID-2030, TCD-2030, ECD-2010 Exceed, FPD-2030, FTD-2030, BID-2030, SCD-2030, PTCO-2030
Advanced Flow Technology	Backlash, detector splitting, detector switching, heart-cut system
Additional temperature controller	Auxiliary temperature control unit
Additional flow controller	APC (3 auxiliary channels), APC (1 auxiliary channel)
Options	Gas selector Low-temperature control solenoid valve set: CRG-2030 External equipment control relay: PRG-2010 Plus, PRG Box

GC-2010 (Plus/Pro) and GC-2014 (c)

Sample Injector	GC-2010 (Plus/Pro): SPL-2010 (Plus), WBI-2010 (Plus), OCI/PTV-2010 (Plus) GC-2014 (c) : SPL-2014, WBI-2014, DINJ-2014, SINJ-2014
Detector	GC-2010 (Plus/Pro): FID-2010 (Plus), TCD-2010 (Plus), ECD-2010 Exceed, ECD-2010 (Plus), FPD-2010 (Plus), FTD-2010 (Plus), BID-2010 Plus GC-2014 (c) : FID-2014, TCD-2014, ECD-2014, FPD-2014, FTD-2014 (C)
Additional temperature controller	Auxiliary temperature control unit
Additional flow controller	APC (3 auxiliary channels), AMC (2 auxiliary channels) Note: AMC is an option for the GC-2014.
Options	Low-temperature control solenoid valve set: CRG-2010 External equipment control relay: PRG-2010 (Plus), PRG Box

- Up to four Shimadzu GC units can be controlled from a single computer or acquisition server (such as an AIC).
- Both the Shimadzu GC driver and Shimadzu LC driver can be installed on the same computer or acquisition server (such as an AIC).
- A Shimadzu GC system and Agilent GC system cannot be connected to the same computer or acquisition server (such as an AIC) at the same time.
Provide a data acquisition server dedicated for the Shimadzu GC system separately.

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