

Keep Track of Your Column Use

Agilent InfinityLab column ID tags



Agilent
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Ordering information

We offer individual column ID tags (p/n 5067-5917), as well as ID tag reader upgrade kits for Agilent 1260 Infinity II LC (G4750A) and 1290 Infinity II LC systems (G4750B).



Contact your local Agilent Sales Representative to order your column ID reader upgrade kit.

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Purchase your column ID tags in our order center.

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Agilent InfinityLab column ID tags help you monitor your column use by logging various column properties and usage parameters. Two types of information are stored: *static fields* featuring physical characteristics such as column length and particle size; and *dynamic fields*, which include details such as number of injections and the maximum temperature used.

A solution for any column

Column ID tags can be supplied in two ways: either together with an Agilent column, or as an individual unit that can be attached to any column. You can also fit ID tag readers to your Agilent 1260 Infinity II LC or 1290 Infinity II LC system using one of our upgrade kits.

ID tags supplied with columns

- Preprogrammed and locked: All static fields are fixed, and dynamic fields are automatically updated by the LC instrument as they actively track column use.

ID tags purchased separately

- Programmable static fields: Simply attach the tag to a column, connect it to the tag reader, and program the tag with your column information using the Agilent instrument control framework (ICF).

Comprehensive column usage data stored on each ID tag

The following table lists the parameters logged on the InfinityLab column ID tag.

Field	Type	ID Tag Supplied with Agilent column	ID Tag Purchased Separately
Description	Static	Read	Write and lock
Length (mm) and diameter (mm)	Static	Read	Write and lock
Particle size (µm)	Static	Read	Write and lock
Maximum pressure (bar)	Static	Read	Write and lock
Number of injections	Dynamic	Read	Read
Product number	Static	Read	Write and lock
Serial number and batch number	Static	Read	Write and lock
Maximum temperature (°C)	Static	Read	Write and lock
Maximum measured temperature (°C)	Dynamic	Read	Read
Minimum and maximum pH	Static	Read	Write and lock
Void volume (mL)	Static	Write	Write
First and most recent injection date	Dynamic	Read	Read
Manufacturing date	Static	Read	Write and lock
Comment	Static	Write	Write

Legend: *Static*: field cannot be changed after tag is locked; *Dynamic*: Field actively tracks column use and is managed by instrument; *Read*: Information is preconfigured, locked, and read on the tag; *Write*: Information must be programmed onto tag; *Lock*: Lock information to prevent changes.

Basic functionality even with a non Agilent chromatography data system (CDS)

The accessible functionality of the column ID Tag is dependent on the CDS. The table below highlights the features available in different systems.

	Agilent OpenLab ChemStation	Agilent OpenLab 2.5	ICF (Enabling Non-Agilent Software)
Read column information in driver user interface	X	X	X
Programming of column identification tag assembly	X	X	X
Information in dynamic fields managed by the HPLC instrument	X	X	X
Enforce column feature (restricts the execution of a method to a specific column)	X	X	Manual setup required
Column database (DB)	Local client DB		
Reporting of column ID tag information post run	X	X	
Use of column ID information by Agilent Method Scouting Wizard	X		

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This information is subject to change without notice.

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