



Less Stress. More Uptime.

InfinityLab Quick Change Inline Filters

Ultimate Ease of Use

Finger-tight, tool-free replacement of filter disc.

Click and seal: a click sound tells you when the filter is tight up to 1300 bar, no risk of over- or under-tightening.

Lower Operational Costs

Robust filter housing enables over 100 filter disc replacements.

Prevent Column Clogging

Eliminate the pressure increases and column damage caused by particles with a quick and easy filter disc replacement.

Make a real difference to your laboratory productivity
www.agilent.com/productivity

Maximize Your Column Lifetime

Particles can come from everywhere in the flow path – solvents, samples or worn instrument parts. Over time, particles clog the column frit, causing pressure increases that damage LC columns and shorten their lifetime. The Agilent InfinityLab Quick Change inline filter protects valuable columns by capturing particles before they reach the column, extending their use and reducing your cost per sample.



Agilent InfinityLab Quick Change inline filter.

(left: flexible capillary version for connection onto injection valve or pump head; right: rigid capillary version for connection onto column)

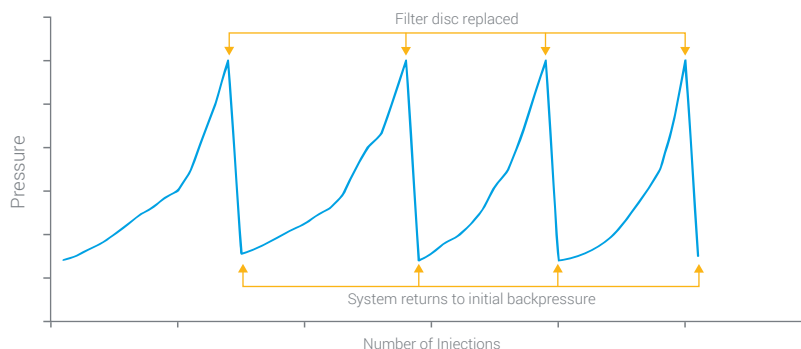


Figure 1. Accelerated lifetime test shows how inline filter captures particles.

High Efficiency, Easy to Use Filter Discs

Variety of dimensions and porosities

Filter discs are available in 2.1 mm and 4.6 mm inner diameters with different pore sizes. The filter housing is compatible with all types of filter discs.

Touchless packaging to avoid potential contamination

Uniquely designed packaging lets you insert the filter disc into filter housing without touching it to avoid potential contamination.

In-situ replacement of filter disc

No need to disconnect the inline filter from the system.



Figure 2. Dimensions and porosities of filter discs.



Figure 3. Filter discs in touchless packaging.

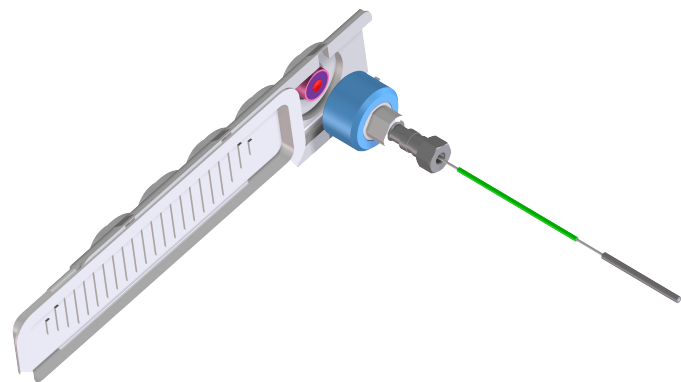


Figure 4. No-touch insertion of filter disc into filter housing.



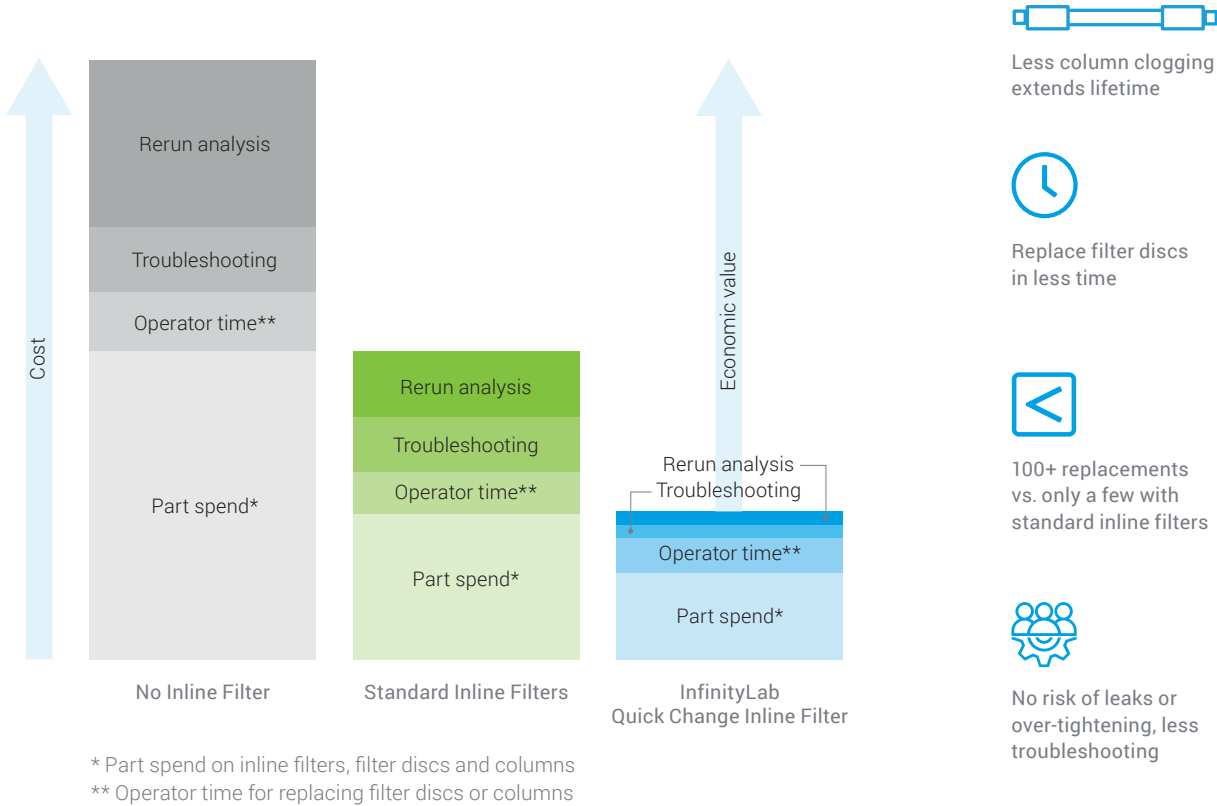
InfinityLab Family

Agilent InfinityLab Quick Change inline filters belong to the InfinityLab family—an optimized portfolio of LC instruments, columns, and supplies, designed to work in perfect harmony. Combined with Agilent OpenLAB software and Agilent CrossLab Services, Agilent InfinityLab provides you with end-to-end support to make every day more productive.

Explore the Agilent
InfinityLab LC Solutions
www.agilent.com/chem/infinitylab

Significantly Reduce Costs and Increase Economic Value

Achieve lower operation costs through protection of your valuable columns, robust filter housing that lasts over 100 filter disc replacements, and the click-sound that avoids troubleshooting and re-analysis caused by over- or under-tightening.



Robust Filter Housing for Consistent Performance Across Filter Disc Replacements

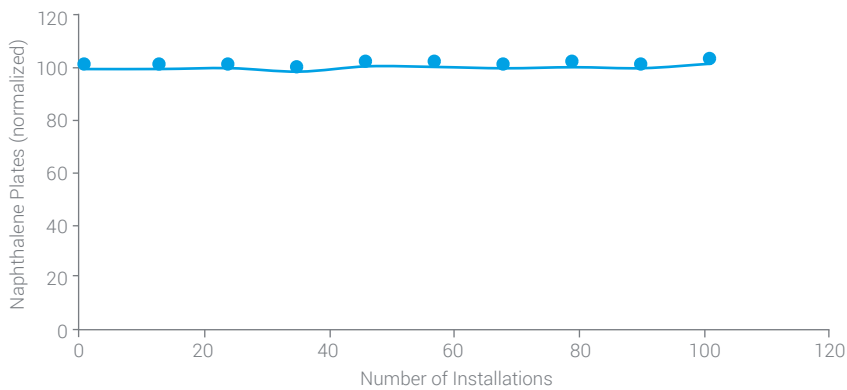
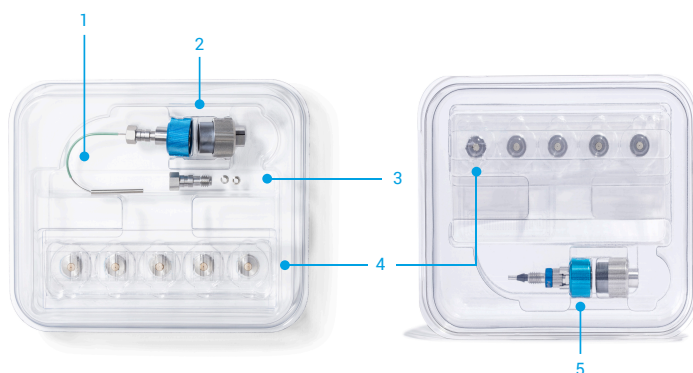


Figure 5. Plate count remains stable over 100 filter disc replacements.

Ordering Information

Part Number	Inline Filter Assemblies
5067-1603	InfinityLab Quick Change inline filter assembly for UHPLC (incl. 5 filter discs 2.1 mm id, 0.2 µm porosity), with 90 mm flexible capillary
5067-1602	InfinityLab Quick Change inline filter assembly for HPLC (incl. 5 filter discs 4.6 mm id, 0.5 µm porosity), with 90 mm flexible capillary
5067-1606	InfinityLab Quick Change inline filter assembly with rigid capillary for HPLC (incl. 5 filter discs 4.6 mm id, 0.5 µm porosity)
5067-1607	InfinityLab Quick Change inline filter assembly with rigid capillary for UHPLC (incl. 5 filter discs 2.1 mm id, 0.2 µm porosity)
Filter Discs	
5067-1610	Filter discs, 2.1 mm id, 0.2 µm porosity, 5/pk
5067-1611	Filter discs, 2.1 mm id, 0.5 µm porosity, 5/pk
5067-1612	Filter discs, 4.6 mm id, 0.2 µm porosity, 5/pk
5067-1613	Filter discs, 4.6 mm id, 0.5 µm porosity, 5/pk
5067-1614	Filter discs, 4.6 mm id, 2.0 µm porosity, 5/pk
Replacement Capillaries	
5023-3344	Capillary, stainless steel, 0.12 mm id, 90 mm length, 2x extra-long fittings, pre-swaged on one end, non-swaged on the other end, for inline filter for UHPLC
Quick Turn Fitting	
5067-5966	Quick Turn Fitting
5043-0924	Ferrule for Quick Turn Fitting



1. Capillary, SST, 90 mm length
2. Filter housing (two parts)
3. Loose fitting for non-swaged end of capillary
4. Filter discs in touchless packaging, 5/pk
5. Filter housing with Quick Turn fitting

Figure 6. InfinityLab Quick Change inline filter assembly (left: assembly with flexible capillary; right: assembly with rigid capillary)

Learn more at:

explore.agilent.com/inline-filter

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This information is subject to change without notice.

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Maximize Efficiency for Your Liquid Chromatography Workflows

Learn more about how to improve the efficiency of your LC workflow with the following products:

- InfinityLab Poroshell 120 columns
- InfinityLab Quick Connect and Quick Turn fittings
- InfinityLab solvent bottles
- Smart InfinityLab supplies
- InfinityLab Kits
- InfinityLab Flex Bench Family

Request your Infinitylab LC supplies catalog—an easy reference putting commonly used LC supplies at your fingertips.

More information at:

www.agilent.com/chem/infinitylab-supplies-catalog

