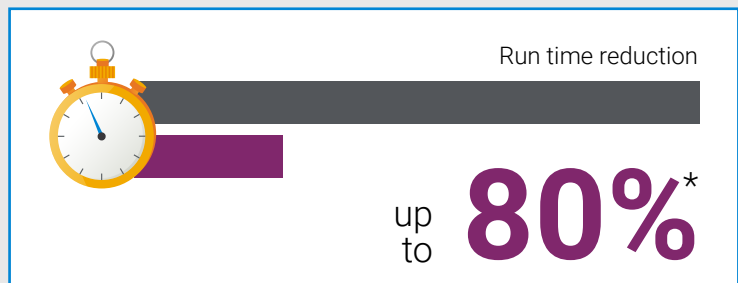


Modernize Your Analytical Methods

Take full advantage of new USP <621> guidelines

USP <621> is continually being updated to allow new method adjustments that could save your lab both time and money. These new guidelines allow you to adjust gradient and isocratic compendial methods and transfer methods across totally porous and superficially porous silica columns **without revalidation**.

How can labs benefit?



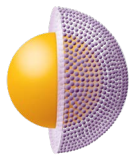
*Based on specific studies



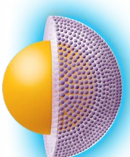
[Learn more](#) about the latest revisions to USP <621> in our white paper.

Start your path to method modernization success

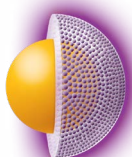
Scale your gradient or isocratic methods with advanced column chemistries



1.9 µm
Highest UHPLC performance




2.7 µm
UHPLC performance at lower pressures




4 µm
Improved HPLC performance


The Agilent InfinityLab Poroshell 120 superficially porous column family includes **3 particle sizes** and **20 chemistries**.




Increased productivity




Cost savings



Fewer errors



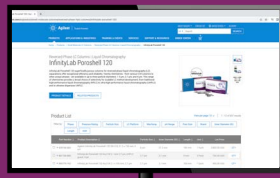
Improved sensitivity



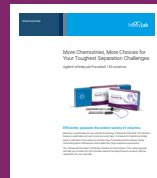
No revalidation



[View](#) the InfinityLab Poroshell 120 poster





[Explore](#) the InfinityLab Poroshell 120 portfolio



[Download](#) the InfinityLab Poroshell 120 ordering guide

Maximize chromatographic performance with the right HPLC system


Modular Agilent InfinityLab LC Series instruments give you flexibility to ensure the best configuration for your HPLC and UHPLC applications.


← Backward compatible
Future upgradable →

Method translation, simplified. Agilent InfinityLab HPLC Advisor automates calculation of:


[Download app](#)




New column dimensions



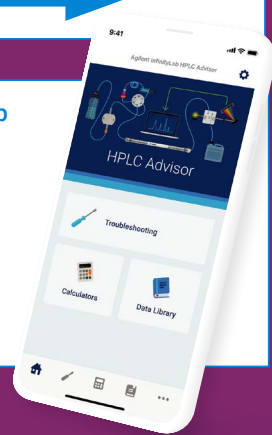
New flow rate




New gradient




New injection volume

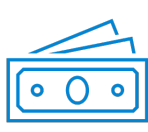





Method transfer problems, solved. Agilent Intelligent System Emulation Technology (ISET) lets you develop robust methods for different (U)HPLC systems.



Eliminate risk from dwell volume changes



Save money on ruggedness studies




[Look closer](#)

Maximize chromatographic performance with the right HPLC system. [Learn more](#)

Harmonize your peak calculations

Ensure consistent results by implementing the updated formulas in OpenLab CDS.



Resolution now based on peak width at half the peak height



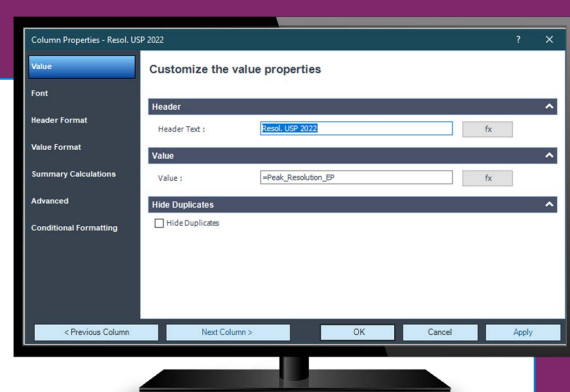


Plate number now based on peak width at half the height



Signal-to-noise now calculated using a range of noise at least five times the width at half peak height



[Maintain reliable calculations](#)

Contact your Agilent representative and discover how these changes can add up to improved productivity, lower analysis costs, and a faster time to market.

DE10835347
This information is subject to change without notice.

© Agilent Technologies, Inc. 2023
Published in the USA, September 8, 2023
5994-6730EN