

# Speed. Sensitivity. Resolution.

And still setting the standard.



Since its introduction in 2004, each addition to the **ACQUITY™ UPLC™** Performance LC System and Column family has continuously pushed science forward to enable faster, higher quality data to support the work that you do.



SPEED

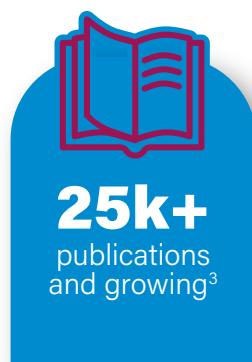
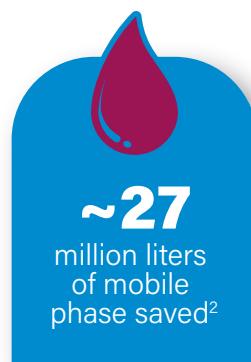


SENSITIVITY



RESOLUTION

## WHAT DOES 20 YEARS OF IMPACT LOOK LIKE?



All stats based on 1000 injections/column

<sup>1</sup>Based on a 30-minute HPLC run vs. 10-minute UPLC run

<sup>2</sup>HPLC 1.0 mL/min vs. UPLC 0.3 mL/min

<sup>3</sup>Scopus search for ACQUITY or UPLC, Dec 2023

Column Stationary Phase Options

## UPLC IS ALL ABOUT PERFORMANCE

The **ACQUITY UPLC Performance LC** family has changed the industry's expectations for runtime, resolution, peak shape, and peak capacity.



Flexibility of quaternary or binary solvent blending for routine UHPLC/UPLC analysis



Highly efficient, rapid separations from ultra-low dispersion and delay volume



Performance you expect from nano-to microscale separations.



Minimize metal-sensitive analyte loss and improve recovery

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Waters has 20+ years of UPLC innovation and technologies to solve problems that matter.

In 2004, **ACQUITY UPLC Columns** introduced BEH (Ethylene Bridged Hybrid) particle technology in sub-2 µm columns. These were the first high pressure tolerant chromatographic particles to produce faster separations with the highest resolution and sensitivity. Today, the sub-2µm particle platforms have expanded to meet the increasing complexities of today's molecules.

Hybrid	Silica
 <p><b>BEH Technology</b> FULLY POROUS Unparalleled pH stability Mobile phase and temperature versatility</p>	 <p><b>CSH Technology</b> FULLY POROUS Exceptional loading capacity Superior peak shape for basic analytes</p>
 <p><b>HSS Technology</b> FULLY POROUS Maximum retention Particle and ligand selectivity</p>	 <p><b>CORTECS Solid-Core Technology</b> SOLID-CORE High efficiency and resolution Performance optimized for backpressure</p>

With **MaxPeak™ Premier Columns**, your lab can reduce the time wasted on column passivation and method optimization, while increasing reproducibility, sensitivity, and overall quality of results.

The ACQUITY Premier System features **MaxPeak High Performance Surfaces (HPS) Technology**, which offers improvements in separation and detection of metal-sensitive analytes, enabling you to minimize the risk of undetected analytes.



Learn more at  
[waters.com/20Years](http://waters.com/20Years)