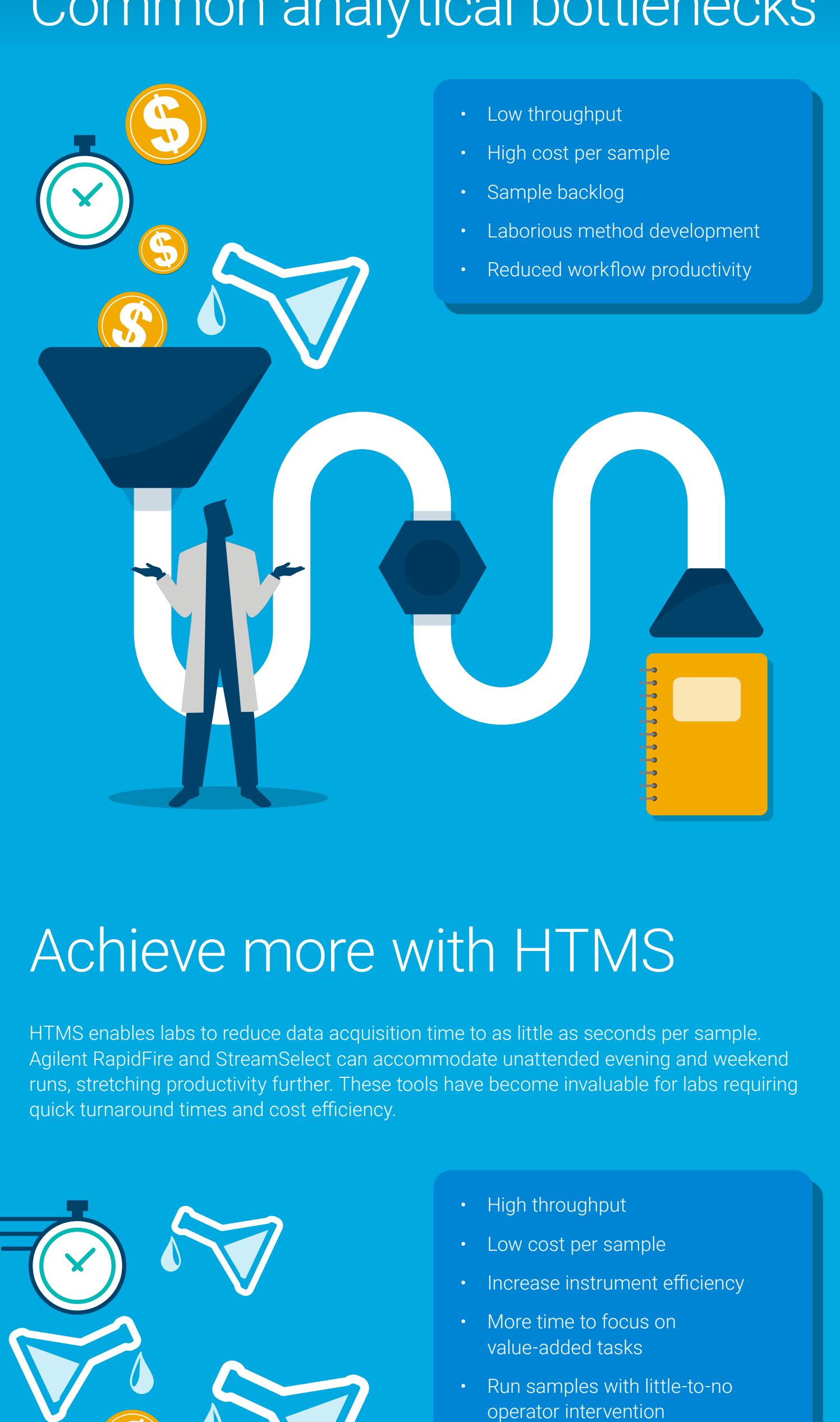
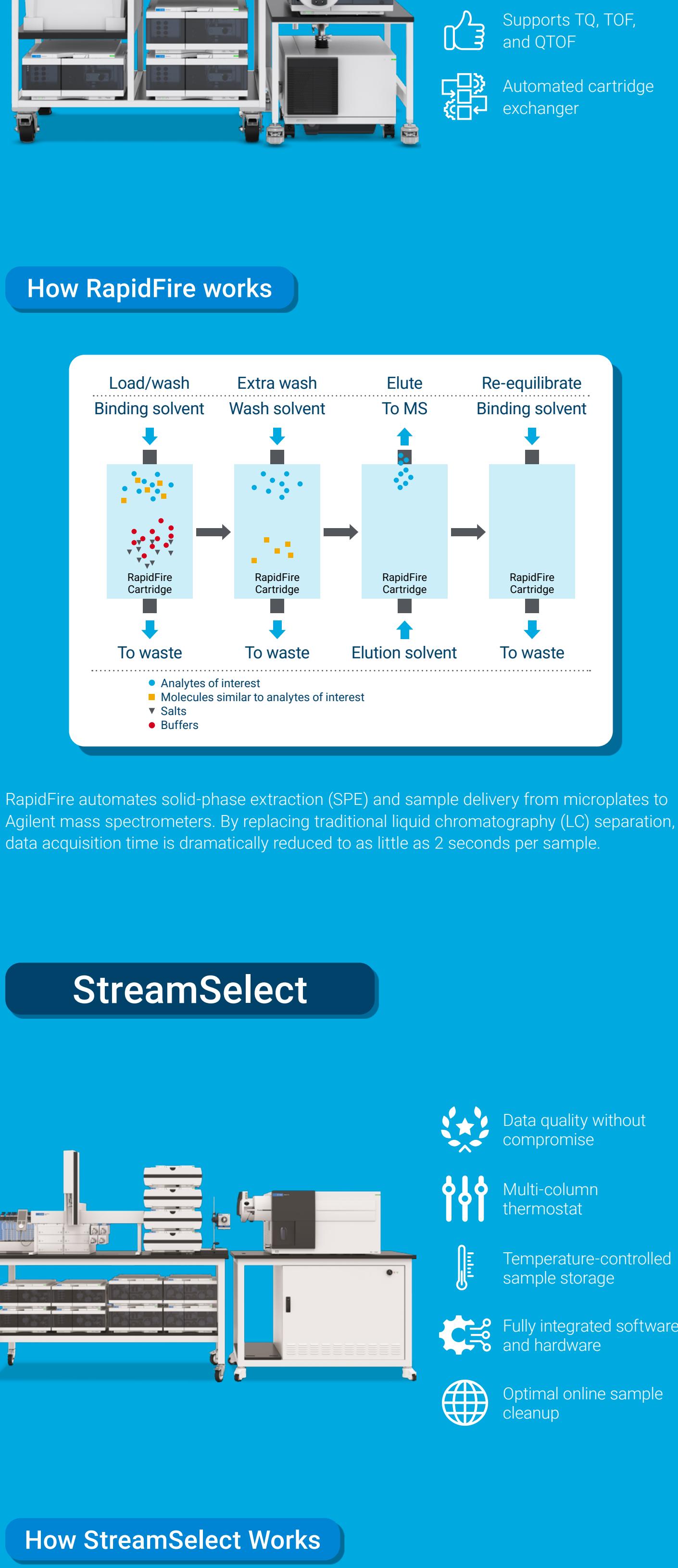


SUPERCHARGE Your Mass Spectrometry Workflow



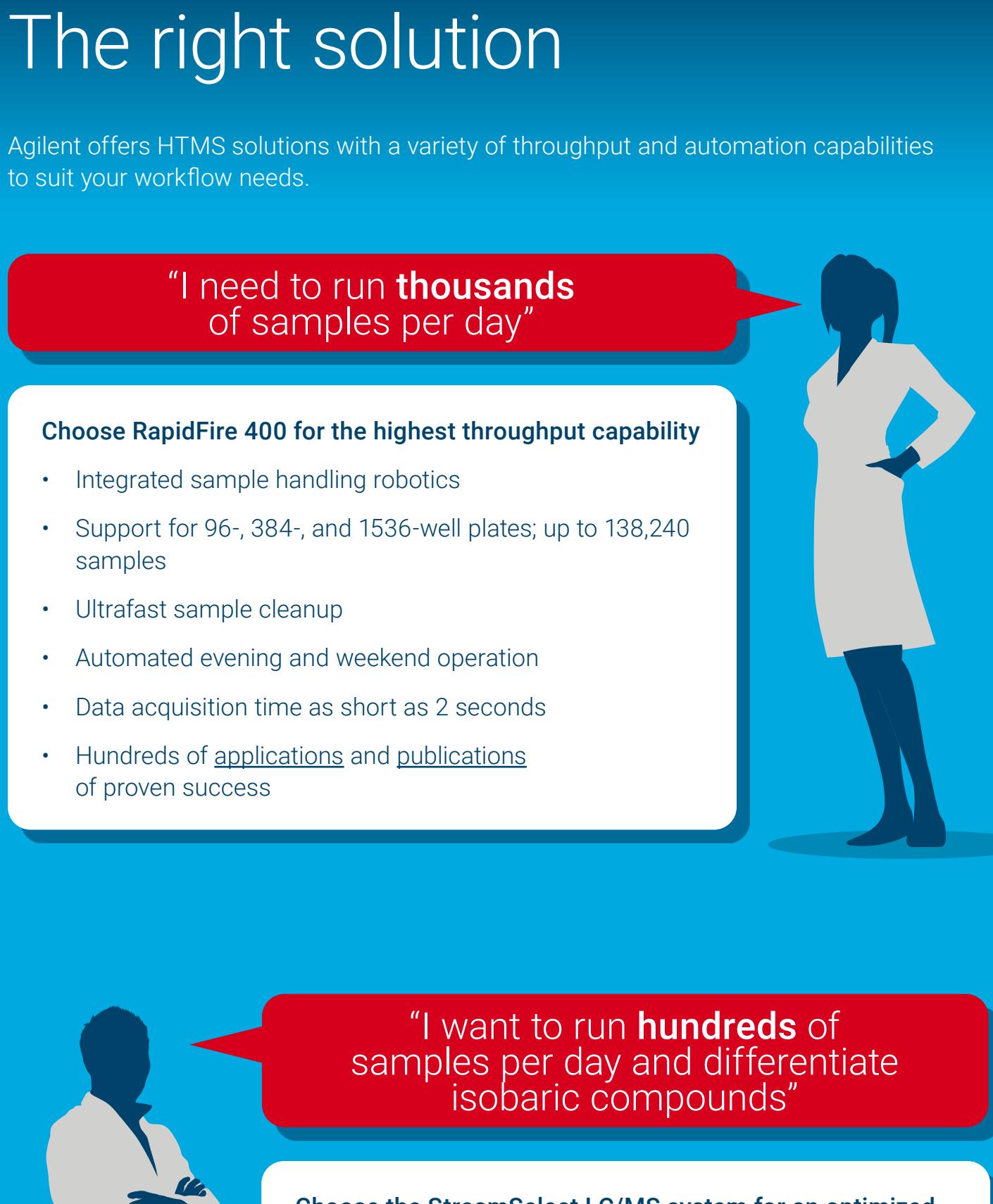
Liquid chromatography/mass spectrometry (LC/MS) empowers labs with the ability to separate, identify, and quantify a wide variety of compounds across numerous industries and application spaces. As adoption of this technology has grown, so has the demand for increased throughput and efficiency. By combining the sensitivity and specificity of mass spectrometry, automated sample handling, and innovative data acquisition techniques, high-throughput mass spectrometry (HTMS) overcomes common analytical bottlenecks. This infographic explores HTMS solutions that can allow you to unlock the potential of your lab.

Common analytical bottlenecks

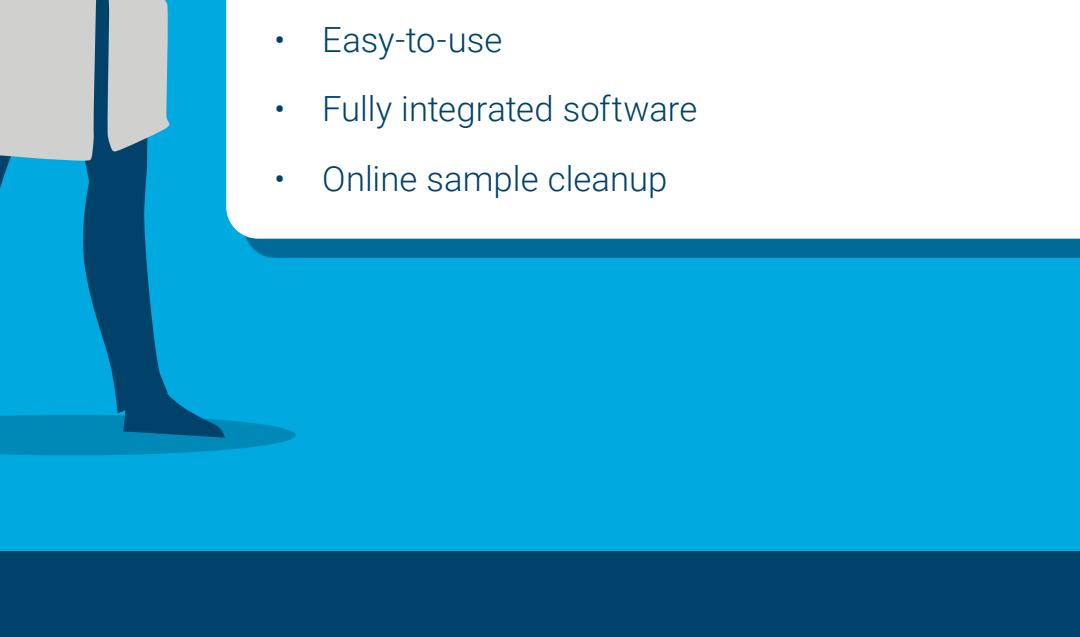


Proven technology

RapidFire 400



How RapidFire works



RapidFire automates solid-phase extraction (SPE) and sample delivery from microplates to a single mass spectrometer. By only collecting MS data during the elution stage of each chromatographic run, StreamSelect can dramatically reduce data acquisition time to as little as 2 seconds per sample, without any modification to the original LC/MS method.

StreamSelect



How StreamSelect Works

StreamSelect orchestrates the connection of up to four chromatographic systems with a single mass spectrometer. By only collecting MS data during the elution stage of each chromatographic run, StreamSelect can dramatically reduce throughput without any modification to the original LC/MS method.

The right solution

"I need to run thousands of samples per day."

Choose RapidFire 400 for the highest throughput capability

- Integrated sample handling robotics

- Support for 96-, 384-, and 1536-well plates; up to 138,240 samples

- Ultrafast sample cleanup

- Automated evening and weekend operation

- Data acquisition time as short as 2 seconds

- Hundreds of applications and publications of proven success

"I want to run hundreds of samples per day and differentiate isobaric compounds."

Integrate the StreamSelect LC/MS system for an optimized, integrated solution

- Produce results up to four times faster

- Maintain full chromatographic separation of samples

- Easy-to-use

- Fully integrated software

- Online sample cleanup

Learn more about High-Throughput MS Systems

talk to an expert or explore our Frequently Asked Questions