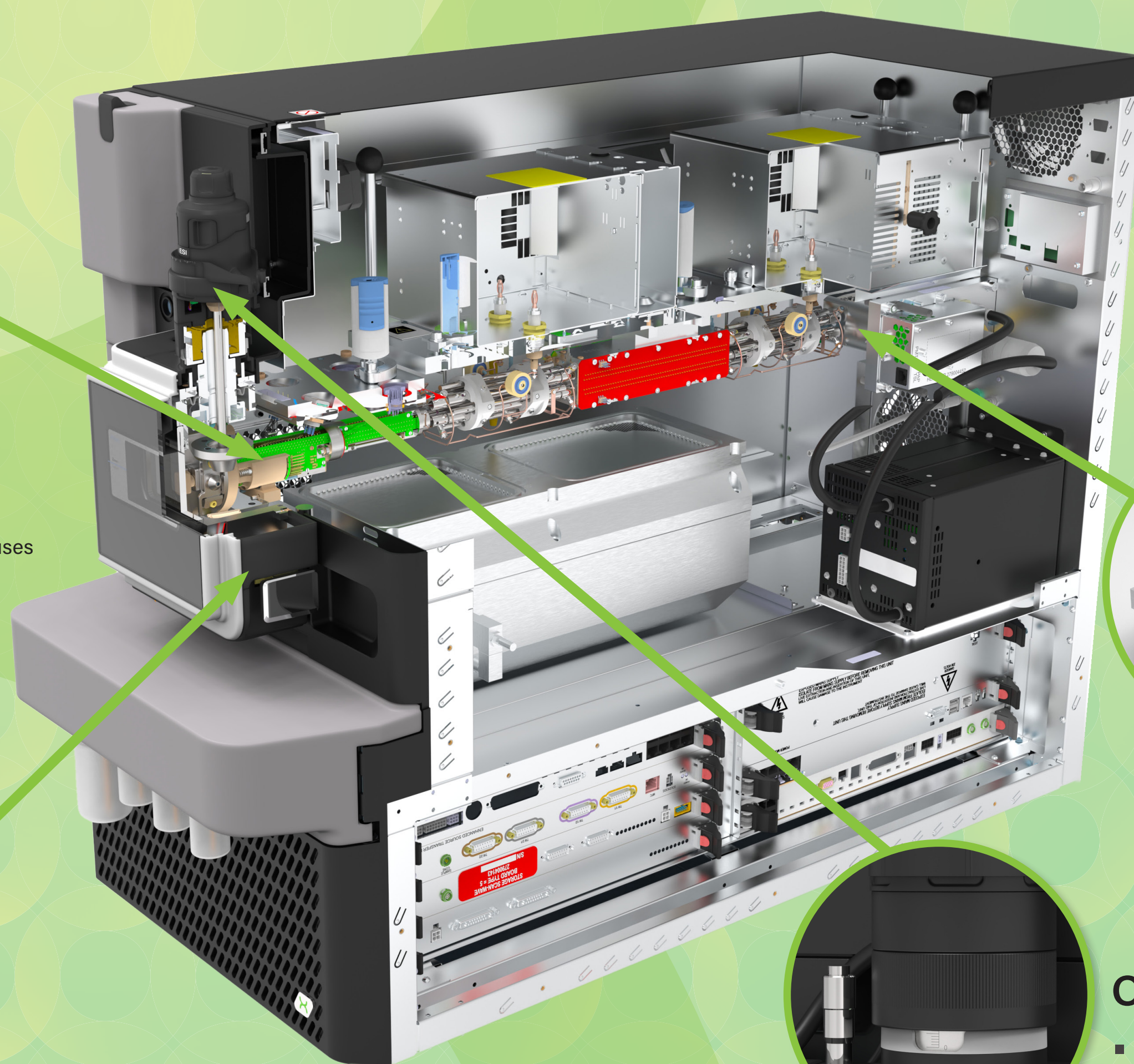


Designed for the most demanding quantitative UPLC™-MS/MS applications. The ultimate in tandem quadrupole performance allows you to achieve unrivalled sensitivity and robustness.



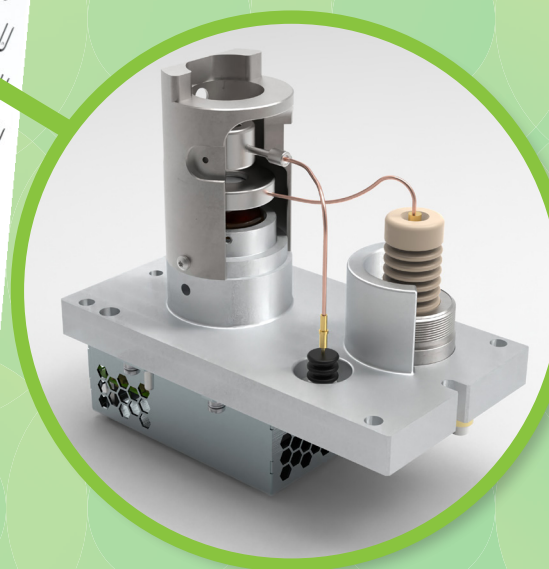
StepWave XS

- The patented StepWave™ XS ion guide contains a modified first stage that ensures ions collide with gas molecules with less energy.
- A segmented quadrupole second stage focuses the ion beam to provide more efficient transmission of ions from the source to the detector.
- Passively removes neutrals while actively transferring ions to reduce contamination.



New Removable Source Shield

- Maximize uptime by reducing time needed to clean source.
- Protects source from contamination with sample matrix or mobile phase salts.
- Easy to remove and clean when necessary.



Updated XDR Detector

- The updated Xtended Dynamic Range (XDR) detector achieves remarkable sensitivity for challenging negative ionizing compounds.
- Up to 15X improvement on previous detector in negative ion mode.
- Retains photomultiplier advantages of typically lasting lifetime of instrument and not needing gain adjustments.



Optimal Probe Positioning

- Guidance on the optimal probe position setting.
- Allows the user to position for both robustness and sensitivity.
- No compromise for long-lasting sensitivity.



RADAR™

- Simultaneously acquire MS full scan qualitative data and MS/MS MRM quantitative data.
- Accelerated method development and matrix interference monitoring for sensitive and robust methods.