

RELEASE

Productivity redefined with the Orbitrap Exploris 120 Mass Spectrometer



The new Thermo Scientific™ Orbitrap Exploris™ 120 mass spectrometer accelerates your qualitative and quantitative confidence for both method development and everyday testing purposes. With its unique ability to provide consistently accurate data and a design made for operational simplicity, it sets the new standard in instrument productivity and ruggedness.

Confidently perform high-throughput qualitative and quantitative analysis

Spend less time questioning your results with the unique ability of Orbitrap high-resolution, accurate-mass spectrometers (HRAM) to provide accurate results and reduce false positives or negatives. Confidently resolve ions of interest from interfering ions with high mass resolution up to 120,000 at m/z 200 for both method development and everyday testing analyses.

Keep your laboratory running seamlessly with the new standard in instrument ruggedness

Maximize return on your investment with capabilities that minimize downtime. Perform a single, stable calibration for the entire mass range from m/z 40-3000. With an improved scan rate up to 22 Hz, maximize your compound coverage with confidence. The ability to do both positive and negative mode switching ensures you analyze twice as many analytes in the same sample.

Focus on driving results with faster method set-up

Empower high-resolution MS users by giving them the ability to analyze samples using ready-to-run method templates. Minimize time spent on software training for Thermo Scientific MS users with a common software user interface for data acquisition.

Fourth-generation quadrupole-Orbitrap mass spectrometer

The Orbitrap Exploris 120 mass spectrometer combines proven technology refined over more than 20 years with advanced performance and speed capabilities, day-to-day reliability, and a compact footprint. Now both novice and expert high-resolution MS users can efficiently deploy the instrument to obtain highly reliable and accurate results.

Discover how the Orbitrap Exploris 120 MS instrument enables you to prioritize your time on making critical decisions which impact the future of you or your client's organization. The latest instrument capabilities have been designed with the sole purpose of putting you on the fast path to accurate, reportable results. Leave the lab at the end of the day feeling productive and accomplished.

Find out more at thermofisher.com/OrbitrapExploris120