

RELEASE

Orbitrap Eclipse Tribrid Mass Spectrometer

Obtain high confidence insights for very complex molecules



The Thermo Scientific™ Orbitrap Eclipse™ Tribrid™ mass spectrometer combines industry-leading versatility and usability with the exceptional performance afforded by its built-in intelligence and revolutionary Thermo Scientific™ Tribrid™ architecture to deliver an instrument designed to address the most difficult analytical challenges.

This newest Tribrid platform includes Advanced Ion Management Technology (AIM+) with the new QR5 segmented quadrupole mass filter, Real-Time Search, Enhanced Vacuum Technology, optional Proton Transfer Charge Reduction (PTCR), and optional High Mass Range MSⁿ (HMRⁿ) mode. Collectively, these features make this instrument uniquely suited for accurate and high-throughput full-proteome quantitation, characterization of complex mixtures of protein or small molecule-based pharmaceuticals, and deciphering higher-order protein structures. The Orbitrap Eclipse Tribrid MS makes it easy to tackle these difficult analyses and collect the high-quality data required to drive the right decisions, pushing your science beyond today's discovery.

Features and Benefits of the Orbitrap Eclipse Tribrid MS

Power high impact science with performance advancements

Address complex challenges more effectively with the latest improvements in calibration, ion transmission efficiency, mass range, data acquisition speed and much more!

Gain ultimate flexibility with the ability to expand your experimental scope

You need LC-MS workflows to push today's limits. The Orbitrap Eclipse Tribrid MS comes with enhanced sensitivity, selectivity and more MSⁿ techniques, scan modes and intelligence. It's now possible to go beyond your scientific pursuits with the ability to expand your experimental scope.

Obtain highest quality MS data with built-in intelligence

The Orbitrap Eclipse Tribrid MS eliminates convoluted optimization procedures by providing pre-defined data acquisition methods, pre-set instrument parameters and built-in intelligence for workflows including TMT. No compromises on data quality needed.

Improve your laboratory productivity with a single system that provides maximum insights

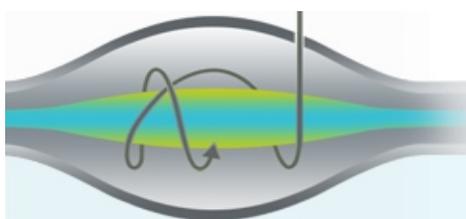
The ability to go beyond today's discovery is now possible with one mass spectrometer built to solve analytical challenges for proteomics, structural biology, small molecule research and biopharmaceutical services.

Access more resources at: planetorbitrap.com



Thermo Scientific™ Orbitrap Eclipse™ Tribrid™ Mass Spectrometer

Obtain high confidence insights for very complex molecules with the Thermo Scientific™ Orbitrap Eclipse™ Tribrid™ mass spectrometer. It combines industry-leading versatility and usability with the exceptional performance afforded by its built-in intelligence and revolutionary Thermo Scientific™ Tribrid™ architecture to deliver an instrument designed to address the most difficult analytical challenges. This newest Tribrid platform includes Advanced Ion Management Technology (AIM+) with the new QR5 segmented quadrupole mass filter, Real-Time Search, Enhanced Vacuum Technology, optional Proton Transfer Charge Reduction (PTCR), and optional High Mass Range MSn (HMRn) mode. Collectively, these features make this instrument uniquely suited for accurate and high-throughput full-proteome quantitation, characterization of complex mixtures of protein or small molecule-based pharmaceuticals, and deciphering higher-order protein structures. The Orbitrap Eclipse Tribrid MS makes it easy to tackle these difficult analyses and collect the high-quality data required to drive the right decisions, pushing your science beyond today's discovery.

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