

## SPONSOR RELEASE

# *Triple quadrupole ICP-MS with advanced interference removal*



The Thermo Scientific iCAP MTX Triple Quadrupole ICP-MS system is a high-performance instrument that can be integrated into the most challenging analysis workflows. The system gives you confidence in a streamlined sample pathway that consistently provides highly accurate results.

### **Excellent performance**

The iCAP MTX ICP-MS leverages the advantages of triple quadrupole technology, incorporating field-proven QCell technology and IntelliLens, to provide exceptional performance across the entire mass range for advanced levels of accuracy in elemental characterization.

### **Simple sample introduction**

With an optimized sample introduction system, including a built-in solution for diluting high-matrix-containing samples using argon gas dilution (AGD), the iCAP MTX ICP-MS system helps to ensure consistent and stable analytical performance no matter the sample type.

### **Minimal analytical drift**

A unique implementation of AGD combined with a new, innovative cone design ensures exceptional long-term stability. The instrument's matrix minimization mode also supports long-term performance, avoiding interruptions to your productivity from unnecessary cone cleaning.

### **Minimize downtime**

The built-in Thermo Scientific Hawk Consumables and Maintenance Assistant and Instrument Performance Monitor provides visibility to consumables and instrument performance and facilitates active monitoring to minimize user intervention and enabling maintenance to be scheduling.

### **Flexible interference removal**

The iCAP MTX ICP-MS enables quick and dependable results. Users can easily switch between different analysis modes, such as Kinetic Energy Discrimination (KED) mode and triple quadrupole (TQ), depending on the complexity of analysis required for a particular sample.

### **Simple method development**

The Reaction Finder Method Development Assistant is a powerful tool that automates mode selection for complex analyses. It identifies the best isotope, reaction gas, and product ion to remove interferences and achieve optimal results. With this tool, users do not need advanced knowledge of complex reaction chemistry, making the process much simpler and more streamlined.

Find out more at **iCAP MTX Triple Quadrupole ICP-MS**

**ThermoFisher**  
S C I E N T I F I C



## **Ignite your confidence**

# **iCAP MTX triple quadrupole ICP-MS**

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**VIDEO**

**WEBSITE**