

RELEASE**Thermo Scientific iCAP RQ ICP-MS**

Simplicity, productivity and robustness for routine labs in agribusiness



This innovative single quadrupole (SQ) ICP-MS is the ideal trace elemental analyzer for a wide range of several agricultural samples.

The Thermo Scientific™ iCAP™ RQ ICP-MS is particularly suited to the analysis of food, simultaneously determining trace level contaminants and macro level nutrients. This system provides a simple, robust, multielemental analysis method for major and minor concentrations of elements in food.

The simultaneous determination of all elements of interest in a wide range of food samples can be done efficiently and quickly by the Thermo Scientific™ iCAP™ RQ ICP-MS.

Simplicity guarantees user-friendly operation

- Quick connect sample introduction system
- Easy access cones via bench-height drop-down door
- Open geometry architecture for easy peripheral connection
- Intuitive platform software for seamless workflows

Productivity delivers more analysis in less time

- Less training for software and hardware
- Compatibility with automation and sample handling systems
- Comprehensive interference removal in single measurement mode
- Reduced drift and operator intervention

Robustness ensures high up-time and low maintenance

- Improved matrix tolerance interface
- All new state-of-the-art electronics
- New sturdy design RF generator
- Reliable hot and cold plasma operation

Comprehensive interference removal assures data accuracy, while our innovative helium Kinetic Energy Discrimination (He KED) technology enables measurement of all analytes in a single mode.

Our highly effective QCell collision/reaction cell, combined with unique flatapole design reduces BECs even further than He KED alone, through the clever, dynamic application of low mass cut off (LMCO).

Intuitive Thermo Scientific™ Qtegra™ Intelligent Scientific Data Solution™ (ISDS) software delivers all the support features essential to any lab, while containing all the flexibility needed to achieve the most challenging applications.

Complete trace elemental analysis

Innovation inspired by real laboratory needs lies at the core of our trace elemental analysis instruments. The iCAP RQ ICP-MS part of the new Thermo Scientific™ iCAP™ Qnova™ Series ICP-MS, delivers the accuracy, robustness and ease of use essential to every high-throughput lab. Driven by our user-friendly Qtegra™ Intelligent Scientific Data Solution™ (ISDS) software, this powerful new system is ideal for labs up-grading to ICP-MS for the first time. The new Element Finder™ plug-in for Qtegra ISDS software, automates wavelength selection, simplifying method development for interference free analysis with the iCAP 7000 Plus Series ICP-OES.

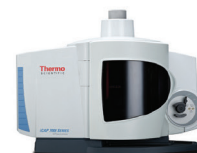
maximum productivity

VIDEO
WEBSITE

• powerful solutions at thermofisher.com/TEA



Thermo Scientific™ iCE™ 3000
Series AAS



Thermo Scientific™ iCAP™ 7000
Plus Series ICP-OES



Thermo Scientific™ iCAP™ RQ
ICP-MS



Thermo Scientific™ ELEMENT 2™
& XR™ HR-ICP-MS
ELEMENT GD™ PLUS GD-MS