

RELEASE

Perform like a PRO

Thermo Scientific™ iCAP™ PRO X ICP-OES system delivers Simplicity, Speed and Robustness



Deliver robust, uncomplicated trace elemental analysis for your laboratory with the Thermo Scientific™ iCAP™ PRO X ICP-OES system. This system combines powerful multi-element capability with flexibility, so your lab is ready for any challenge. Produce consistent, reliable data quickly and easily. Experience enhanced sample throughput, matrix tolerance, and flexibility to produce results you can trust.

The iCAP™ PRO X ICP-OES offers fast start-up, easy-to-use software and incredible speed with pre-optimized method conditions, providing multi-element detection technology far superior to that of single-element AAS and multi element microwave plasma techniques. This system is ideal for laboratories with low sample throughput requirements. For ease of use a number of optimized settings are defined as standard, making them ideal for users new

to the technique or those who require a simple solution for multi elemental analysis.

Experience more simplicity without compromising on detail

- Flexibility to fulfil demanding projects
- Long-term stability through gas MFCs and temperature control
- Full frame view immediately after measurement
- Intelligent monitoring of analytes with Qtegra ISDS Software
- Plasma optimization tool with tune sets and auto-tune for automated method development

Fast, powerful performance

- Advanced, high-speed charge injection device detection technology produces results in the fastest possible time
- A small optical tank ensures fast start up time and reduced purge gas requirements. With start up times of just 30 minutes from power off and 5 minutes from standby (model dependent)
- Detect from % range to sub ppb detection limits with a high dynamic range detector

Optimized vertical torch for ultimate robustness

- Both duo and radial view configurations of the instruments feature vertical torch orientation. When combined with the unique plasma interface, a new level of robustness is achieved
- Adjustable radial viewing height on both duo and radial view instruments, enabled by the vertical plasma interface
- Increase robustness further with dedicated accessories and analyze the most challenging samples, such as saturated brine solutions.

Accurately quantify the elemental composition of a wide range of samples in: Agricultural screening, Food production and safety, Environmental analysis, Pharmaceutical and nutraceutical compliance, Chemical QA and QC, Petrochemical, Metals and materials

Find out more at thermofisher.com/icp-oes