

Thermo Scientific Qtegra Intelligent Scientific Data Solution Software

Keywords: Compliance, elemental analysis, isotopic analysis, modular, user friendly

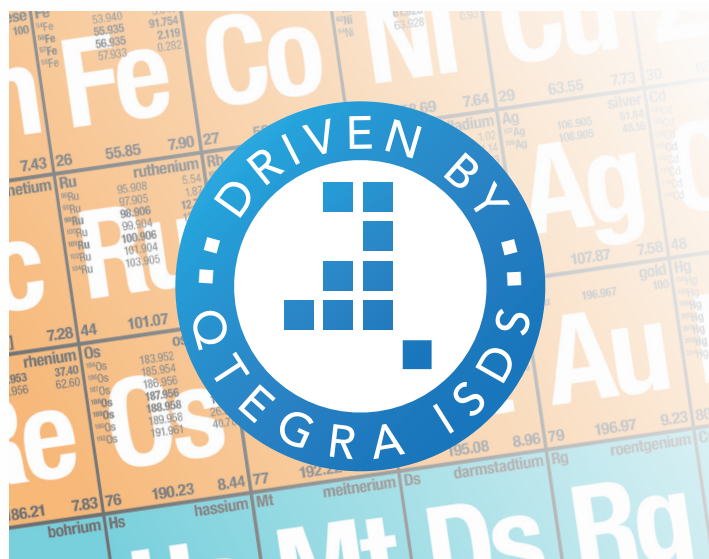
Benefits

- Easy to follow method set up, data acquisition, export and reporting
- Technology independent workflow across multiple instruments
- Modular approach supports expansion of analytical capabilities
- Provides a powerful, robust framework for operation in 21 CFR Part 11 environments

The Thermo Scientific™ Qtegra™ Intelligent Scientific Data Solution™ (ISDS) Software is a flexible software platform for laboratories tasked with the analysis of elements and isotopes.

With the same look and feel across multiple instruments, analysts are empowered and can flexibly switch between different techniques, eliminating any barrier from learning a completely new software package.

Qtegra ISDS Software has a logical, streamlined interface that intuitively provides the analyst with the appropriate tools at each point in the analytical workflow.



Within a modular framework, a series of dedicated plug-ins provide hardware control of the Thermo Scientific analytical tool as well as a wide range of accessory devices (e.g., autosampler or autodilution liquid sample-handling systems and laser ablation systems) from industry-standard suppliers.

This approach is carried through into data acquisition with dedicated plug-ins available for routine evaluations as well as for more specialized quantification techniques.

Qtegra ISDS Software specifications

Supported instruments	
Technology	Instrument
ICP-OES	Thermo Scientific™ iCAP™ 7000 Series ICP-OES
	Thermo Scientific™ iCAP™ 7000 Plus Series ICP-OES
	Thermo Scientific™ iCAP™ PRO Series ICP-OES
ICP-MS	Thermo Scientific™ iCAP™ Q ICP-MS
	Thermo Scientific™ iCAP™ RQ ICP-MS
	Thermo Scientific™ iCAP™ TQe ICP-MS
	Thermo Scientific™ iCAP™ TQ ICP-MS
	Thermo Scientific™ iCAP™ TQs ICP-MS
Multicollector ICP-MS	Thermo Scientific™ Neoma™ MC-ICP-MS
Noble gas MS	Thermo Scientific™ Argus VI™ Noble Gas MS
	Thermo Scientific™ Helix SFT™ Noble Gas MS
	Thermo Scientific™ Helix MC Plus™ Noble Gas MS
Gas isotope ratio MS	Thermo Scientific™ Ultra™ High Resolution IRMS
	Thermo Scientific™ 253 Plus™ 10 kV IRMS
	Thermo Scientific™ DELTA Q™ IRMS
	Thermo Scientific™ EA IsoLink™ IRMS System
	Thermo Scientific™ GC IsoLink II™ IRMS System
	Thermo Scientific™ LC IsoLink™ IRMS System
	Thermo Scientific™ GasBench Plus IRMS System
Thermo Scientific™ Kiel IV Carbonate Device	

Computer specifications*	
Supported OS	Microsoft Windows® 10 Professional; 64-bit
	Microsoft Windows® 10 Enterprise; 64-bit
Processor	Minimum dual core, 3.2 GHz; Intel® Core™ i5 or better recommended
RAM	Minimum 16 GB
Hard drive	Minimum 500 GB hard drive with 100 GB free storage SSD recommended
Video	Minimum on board graphics with 128 MB RAM
Monitor	Recommended for data review; 21" or larger, 1920 × 1080 resolution or higher (16:9 aspect ratio)
USB	4* USB 2.0 port for software installation and connection of peripherals
Internet	Internet access is preferred but not necessary
	Software updates and license activation require internet access but not necessarily on the installation PC
Removable media	DVD ROM drive
Optional software	PDF viewer
Peripherals	OS-compatible keyboard
	OS-compatible mouse

*Note: These are general guidelines for operating standalone Qtegra ISDS software installations. Please refer to the individual instrument product specifications for minimum PC requirements for instrument control and connectivity with peripheral devices.

Supported peripherals*

Qtegra ISDS is a modular software platform that leverages plug-ins to define the analytical environment. Peripheral devices from industry-leading suppliers are combined in Qtegra ISDS with core technologies from Thermo Scientific for seamless operation within a single user interface. Optional software plug-ins further extend the capabilities of Qtegra ISDS Software with specialized data reduction techniques.

Chromatography devices	The ChromControl plug-in for Qtegra ISDS Software utilizes the SII interface from Thermo Scientific™ Dionex™ Chromeleon™ Chromatography Data System to give you control of a wide range of chromatography products and modules from various manufacturers. Please consult your local sales contact for more information.
Liquid autosamplers	Including, but not limited to: <ul style="list-style-type: none"> • Elemental Scientific SC-2DX, SC-4Q, SC-4DX, SC-8DX, SC-14DX and FAST systems (iCAP series ICP-MS and ICP-OES only) • Elemental Scientific SC-μDX liquid autosampler (Neoma MC-ICP-MS only) • TELEDYNE CETAC TECHNOLOGIES ASX-100, ASX-110, ASX-1400, ASX-112FR, ASX-260, ASX-280, ASX-520, ASX-560, ASX-7400, XLR-8, XLR-860 and ASXpress Plus systems (iCAP series ICP-MS and ICP-OES only)
Dilution systems	Elemental Scientific prepFAST II TELEDYNE CETAC TECHNOLOGIES SDX _{HPLD} High Performance Liquid Dilution System
Special nebulization systems	Apex Omega desolvating nebulizer (Neoma MC-ICP-MS only) TELEDYNE CETAC TECHNOLOGIES Aridus 3 desolvating nebulizer (Neoma MC-ICP-MS only)
Laser ablation systems	Including, but not limited to: <ul style="list-style-type: none"> • Elemental Scientific Lasers NWR Series • TELEDYNE PHOTON MACHINES LSX-213 G2+, Analyte G2 and Analyte Excite Excimer systems and Excite Pharos Femtosecond system • Iridia Laser Ablation System
Specialized data evaluation	The npQuant plug-in for Qtegra ISDS Software is a dedicated data evaluation package that provides both size characterization and number concentration information for nanoparticles (ICP-MS only).

*Note: These are general guidelines for supported peripherals. Please refer to the individual instrument product specifications for supported peripherals.

Language support

Multi-language support is provided for in Qtegra ISDS Software with specific language packs. Please check with your local contact regarding support for your language.

Find out more at thermofisher.com/qtegra-isds

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