

Qtegra ISDS Software – Driving Isotope Analysis

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Driven by recent technical advancements, stable gas isotope applications in Earth science are continuously evolving. We developed Thermo Scientific™ Qtegra™ Intelligent Scientific Data Solution™ (ISDS) Software for our gas IRMS instruments with all the flexibility to accommodate the most demanding stable isotope applications, aiming to turn analytical challenges into routine and to bring easy-to-obtain high quality data into the reach of every lab. Qtegra ISDS Software has an intelligent workflow that drives you from sample to result, presented in a layered approach that simplifies visualization of statistics across multiple samples.

Here we demonstrate software features of the new Qtegra ISDS Software for gas IRMS, using the examples of classical clumped carbonate analyses with Thermo Scientific™ 253 Plus™ 10 kV IRMS and advanced clumped methane isotope analyses with Thermo Scientific™ Ultra™ HR-IRMS. We highlight how Qtegra ISDS Software eases the handling of instrument control, data acquisition, and data evaluation, and increases efficiency and data quality.