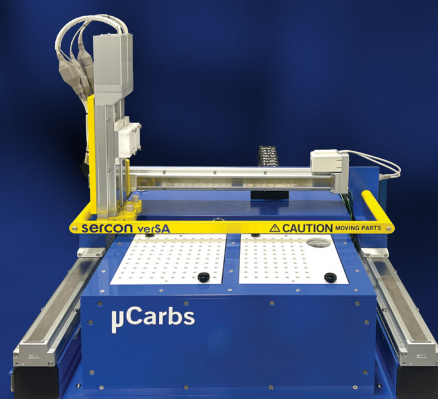
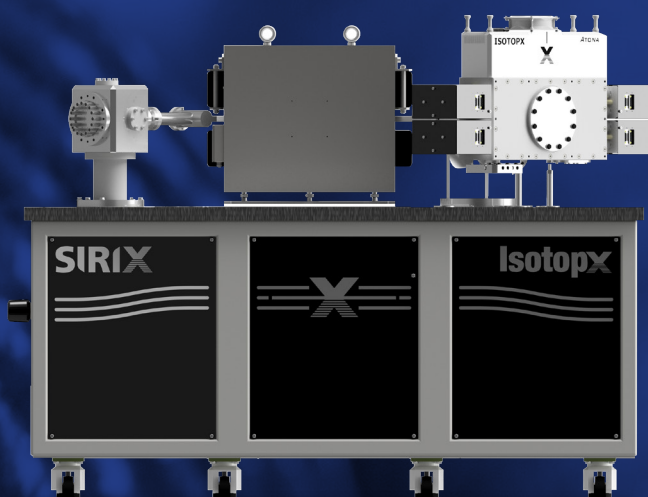


A new solution for clumped isotopes and small carbonates

Unlock the power of stable isotope analysis in carbonate materials with our advanced IRMS technology. Our instrument offers unparalleled sensitivity, resolution, and precision for characterizing CO₂ isotopologues, all without the need for expensive consumables. Experience high-quality results without the complexity or high costs.

We introduce a fully integrated, fully computer-controlled system consisting of the SIRIX IRMS and Sercon µCarbs carbonate sample preparation system and dual inlet.



The high throughput, reliability and reproducibility of the Sercon µCarbs, coupled with the sensitivity, precision and dynamic range of the Isotopx SIRIX offers unparalleled performance. Utilising non-proprietary consumables reduces lab running cost and delivers a low cost of ownership.

Benefits of SIRIX

- Large radius magnet for excellent peak shape
- Exceptional abundance sensitivity and artefact-free baselines
- 10ppm precision for CO₂ 48 / 44 (100 minutes)
- Huge dynamic range (1e-7A to 1e-17A)

Benefits of µCarbs

- High capacity - up to 170 6ml or 12ml vials
- Unattended, automated operation
- Programmable heated sample tray to +/- 0.1C
- Separate needles for acid delivery and headspace flush