



The *Stable* Isotope Company

# IRMS 20-22

a Europa series mass spectrometer  
1980 1990 2010  
TracerMass 20-20 Geo Hydra



Introducing the latest  
high performance  
Isotope Ratio Mass Spectrometer  
from the only company dedicated to  
stable isotope analysis

[www.sercongroup.com](http://www.sercongroup.com)

Using an updated analyser system based on the longest serving, highest performing ion optics available combined with the very latest in electronic and software technology the 20-22 is now the ultimate isotope ratio mass spectrometer.

## Features of the 20-22

All stainless steel and metal gasket construction for ultra high vacuum purity

Differentially pumped as standard

Triple zero dead volume inlet system for multiple preparation units

Inherent failsafe protection systems

Variable tuning and reference gas pulsing

All axis ion beam control

Continuous Flow and Dual Inlet interfaces

Fully accessible bench top for easy servicing

Multicollector arrays for up to 12 adjacent or diverse collectors

Switchable gain head amplifiers with large dynamic range

Open architecture valve control for custom interfaces

Windows 7 compatible Callisto software suite

Rapid USB communications used throughout

Fastest scan rates and data acquisition rates via VFC technology

Spare VFC channels for other detectors (TCD, FID, UV etc)

Customisable peripheral control software

Variable mains voltage power supplies (100 to 240V AC single phase)

Field proven robust system performance

*Upgrade path available for all Europa analysers, Tracermass, 20-20 and others*



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