



harness  
the  
power

Introducing the new IsoPrime100





Introducing the new IsoPrime100 which features an innovative 100V head amplifier, computer controlled gain switching and redesigned source. The new features of the IsoPrime100 combine to provide class leading dynamic range, improved linearity, higher precision and the lowest  $H_3^+$  correction than ever before.



# the ideal combination



Some things in life are simply born to work together - like the new IsoPrime100 and Elementar's market leading range of EA's. With a superior computer controlled 100V automatic gain switching head amplifier, the new IsoPrime100's extended dynamic range instantly handles micro and macro sequential EA-IRMS sample analysis.

Only the IsoPrime100 can be fully integrated with class-leading Elementar EA devices, through enhanced IonVantage controlled 'run once' sample list and data synchronisation. The Elementar CHNS multielemental analysis inlet range now includes the integrated CHNSO low & high temperature Vario PYRO Cube capable of operating up to 1500 °C.



extending  
the  
range

Improving upon perfection is always a challenge, but that's where Isoprime Ltd excels. The new IsoPrime100 provides exceptional performance in both continuous flow and dual inlet modes thanks to an innovative ion source redesign and the unmatched dynamic range of the 100V head amplifier.

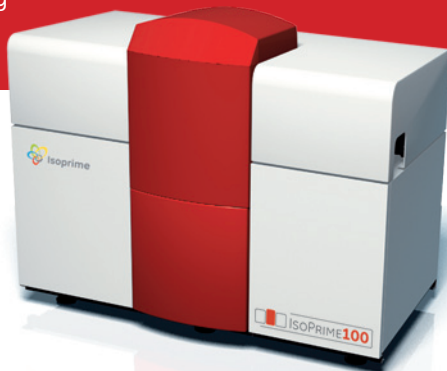
With the capacity to perform extremely small sample analysis, highly enriched tracer studies, or bespoke 10 channel multicollector monitoring, the IsoPrime100 delivers the highest performance without compromise, extending the range of options in IRMS.

# harness the power...

# now


- 100V Head Amplifier
- Computer controlled auto gain switching
- Exceptional sensitivity, precision and linearity performance
- The lowest  $H_3^+$  correction available
- Seamless integration with inlets
- “Run once” sample list programming
- Full EA data integration

To find out more about the advantages of using the new IsoPrime100 IRMS and improve the power of your IRMS system, contact IsoPrime now on +44 (0) 161 488 3660 or email [info@isoprime.co.uk](mailto:info@isoprime.co.uk).



 ISOPRIME100

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A stable future for stable isotopes

