

i a d

Mass S c m

● ICP-MS: It's never been easier

Choosing an ICP-MS has never been easier

Introducing the new ICP-MS
The new ICP-MS 810-M and 820-M
ICP-MS. The new ICP-MS 810-M and 820-M
The new ICP-MS 810-M and 820-M

Easy to use. Easy to maintain. Easy to learn.
810-M 820-M

- Features of the new ICP-MS 810-M and 820-M (C I)

810-M 820-M

U

• **Or 90 D r R i t i O t**
R i t i ICP-MS P r r a m

L i n e l e * C i *
 * U = 5,19,731
 * U = 6,762,07 B2



B i n e
 90
 * U = 6,61,021 B2

820-M
 * (C I)
 * U = 7,329,863 B2

Fast, Flexible, Interference-Free Analysis

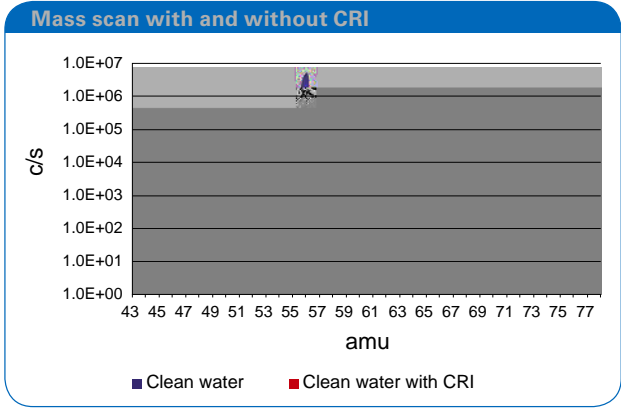
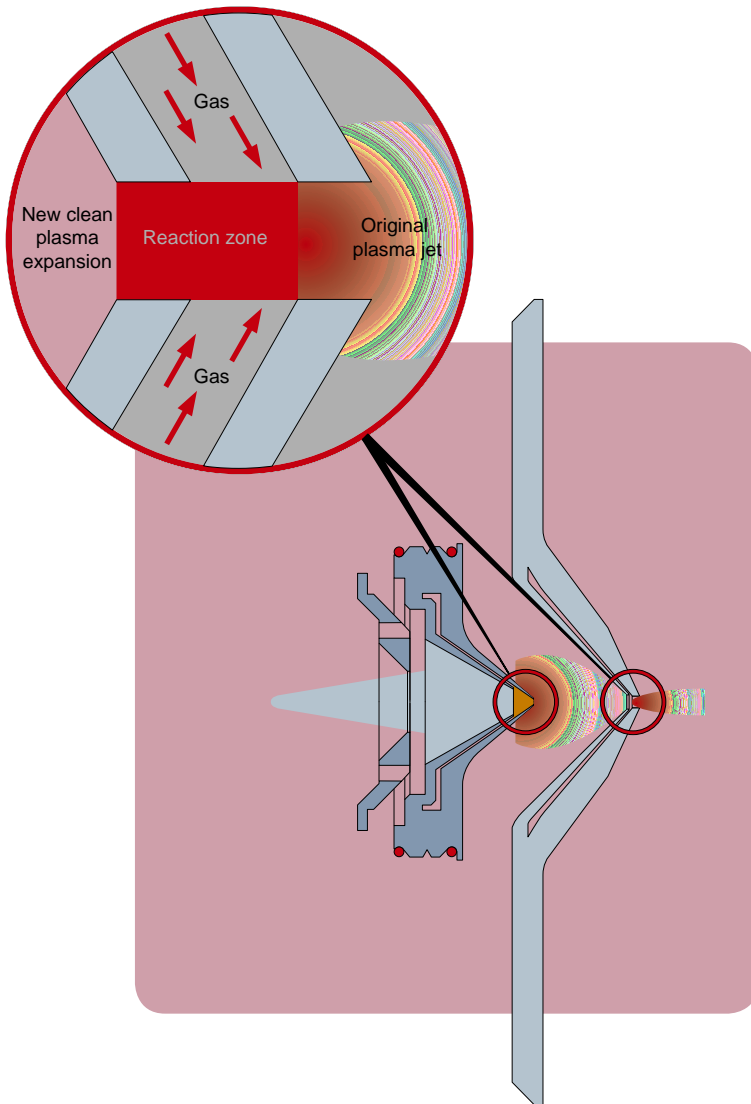
Detailed description of the process

How does CRI work?

Reaction of H_2 with C_2H_2 (C I)
 $\text{H}_2 + \text{C}_2\text{H}_2 \rightarrow \text{C}_2\text{H}_4$
 $\text{H}_2 + \text{C}_2\text{H}_2 \rightarrow \text{C}_2\text{H}_6$

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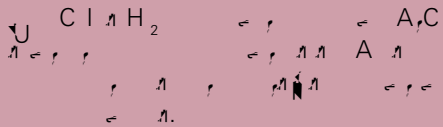
- N
- C I
- C I



Detailed description of the process

• I at Y Ca Tr t

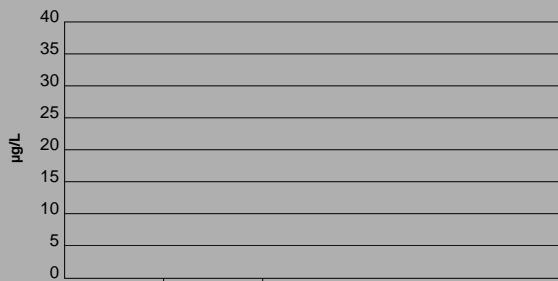
Determination of As in Cl containing samples



Quickly and reproducibly reduce interferences



1 µg/L As in HCl matrix



⁷⁵As with CRI ⁷⁵As without CRI

C ⁷⁵A ... 1 µg/L ...
 AsCl₃ ...

