

Agilent Technologies

Advanced Dilution System 2

Ross.Ashdown@Agilent.com
Optical Atomic Spectroscopy
Marketing Manager AAS, MP-AES and ICPOES

DE81556762



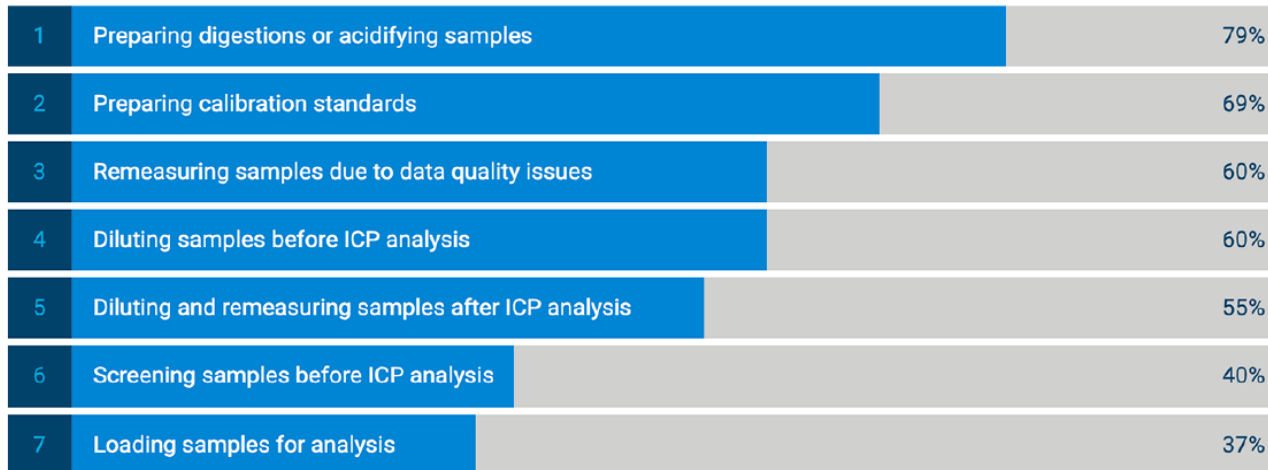
What's Limiting Your ICP Workflow Efficiency?

Manual Handling of ICP Samples: See How Your Lab Compares



Here are the results from our lab poll so far

Not long ago, you received our "Manual Handling of ICP Samples" poll, where we asked you to rank sample handling activities from most time consuming to least. We thought you might like to see the results to date.



2. Preparing calibration standards.

4. Diluting samples before and after analysis

Advanced Dilution System

Auto Calibration

Prescriptive Dilution

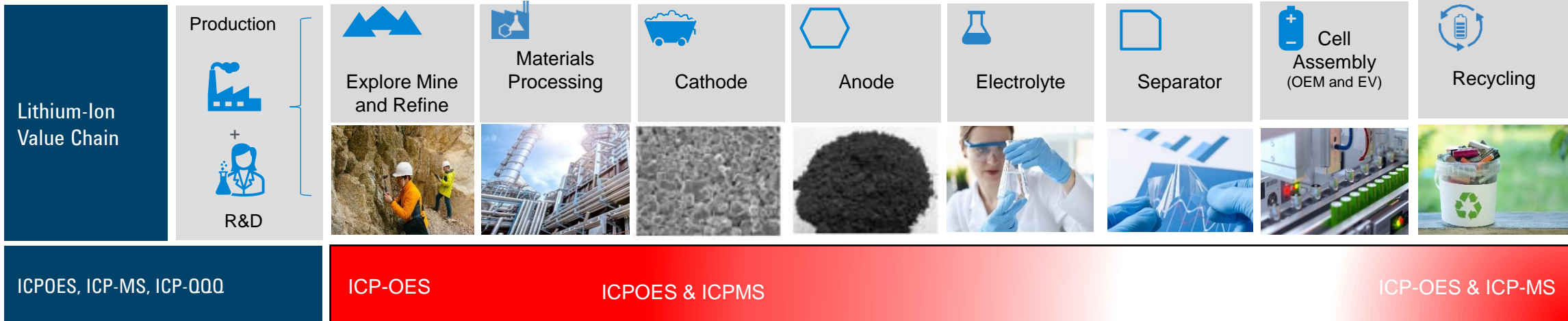
Reactive Dilution



Advanced Dilution System



Advanced Dilution System



Why Automate your ICP Workflow with Advanced Dilution System



Efficient

- Increase throughput
- Improve data quality
- Reduce use of disposable plastic lab ware
- Increase revenues



Simple

- Less sample handling and contamination
- Reduces injury from repetitive tasks
- Reduces operator dissatisfaction from repeated manual tasks



Fully Integrated

- Single piece of control software for less staff training
- Preset parameters for quick start up
- On board diagnostics for self service repair



Introducing the Advanced Dilution System

Dual syringe system designed for **simplicity** and low cost of ownership

Tubing is pre plumbed, color coded and labelled for **easy** install

Bypass valve **avoids delays** when not diluting

Conditions calculator

Autocalibration assistant

Customize methods with analyte sublists and dilution lists

Results summary report with all or optimum results

Smart system health tracking using EMF function

Summary

