

Reducing CCV failures with the SC-FAST

The reliability of an environmental laboratory's data is controlled by the quality control checks in place during the analysis of a batch of samples. By placing regular checks throughout the analysis the performance of the ICP can be monitored.

If these Continuing Calibration Verification (CCV) checks fail re-calibration, or instrument maintenance is required with any samples being re-run. This can severely delay the sample turnaround of an analytical laboratory.

Using the SC-FAST as the means of sample introduction dramatically reduces the occurrence of CCV element failures. Reducing both maintenance and sample re-runs on an ICPMS.



SC-FAST is available in a range of autosamplers to suit every laboratory's needs

Comparison Data

Data comparing the CCV failure rate 30 days before implementation of the SC-FAST and 30 days running with the FAST in a typical environmental laboratory.

	Non-FAST CCV Failures	FAST CCV Failures
Be	82	1
Cr	14	2
Mn	20	3
Co	18	2
Ni	15	1
Cu	13	0
Zn	28	7
As	10	0
Tl	17	2
Pb	15	0

