MORE SAMPLE THROUGHPUT

Faster

ASTM D5185

and

ASTM D4951

with the

ASXPRESS PLUS
RAPID SAMPLE INTRODUCTION SYSTEM

- Analyze 2 samples per minute with Oils 7400/Oils 7600 Autosamplers
- Reduce sample delivery, stabilization and washout times
- Reduce sample waste
- Lower argon consumption
- Reduce sample matrix exposure on ICP-AES / ICP-MS hardware
- Eliminate sample memory effects from peristaltic pump tubing

TELEDYNE
CETAC TECHNOLOGIES
Everywhereyoulook™

Increase throughput

Get more sample throughput in less time by optimizing sample introduction. Virtually eliminate stabilization time by removing the need for "fast pumping," improving plasma stability.

Reduce maintenance

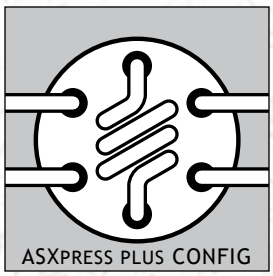
Extend the service life of ICP-AES/ICP-MS components such as nebulizers, spray chambers, and sample cones by reducing their exposure to the sample matrix.

Cost effective

Minimize sample consumption. Reduce laboratory costs associated with argon and power consumption, peristaltic pump tubing replacement, and maintenance.

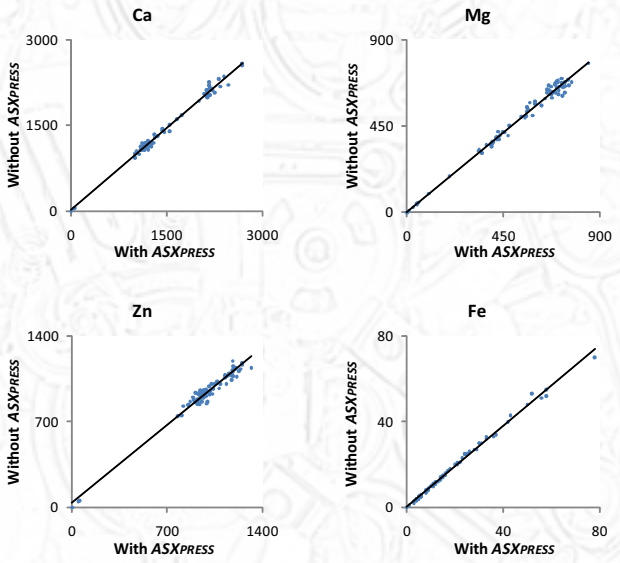
Simple operation

Easy set-up with minimal modification to the analysis method. No additional complex software required; all system parameters are stored in the system's on-board processor.



Data quality

ICP data before and after *ASXPRESS PLUS*. The only difference between the runs is that half the time was saved using the *ASXPRESS PLUS*. Typical carryover has been measured at less than 0.1%.



Data generated from oil sample analysis.

Technical Specifications

Valve/Pump module dimensions

Height	12.8 cm	(5.0 in)
Width	5.8 cm	(2.3 in)
Depth	21.7 cm	(8.5 in)
Weight	1.30 kg	(2.8 lbs)

Electronics module dimensions

Height	25.4 cm	(10.0 in)
Width	8.3 cm	(3.3 in)
Depth	20.0 cm	(7.9 in)

Sample load loops

Volumes range from 0.5 mL to 5.25 mL

Hardware interfaces

RS-232 to autosampler
RS-232 and/or USB to host PC
External pump connector

Power requirements

100-240 VAC ~ 47-63 Hz 1.9A

Minimum computer requirements

Microsoft Windows® 10 or later operating system

2 RS-232 ports or 2 USB ports or 1 of each

Warranty

2 year limited

Autosampler Compatibility

ASX-260, ASX-280, ASX-520, ASX-520HS, ASX-560, XLR-8, XLR-8$_{60}$, ASX-1400, ASX-1600, Oils 7400, Oils 7600, non-CETAC autosamplers

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Revised 2022 May 6