

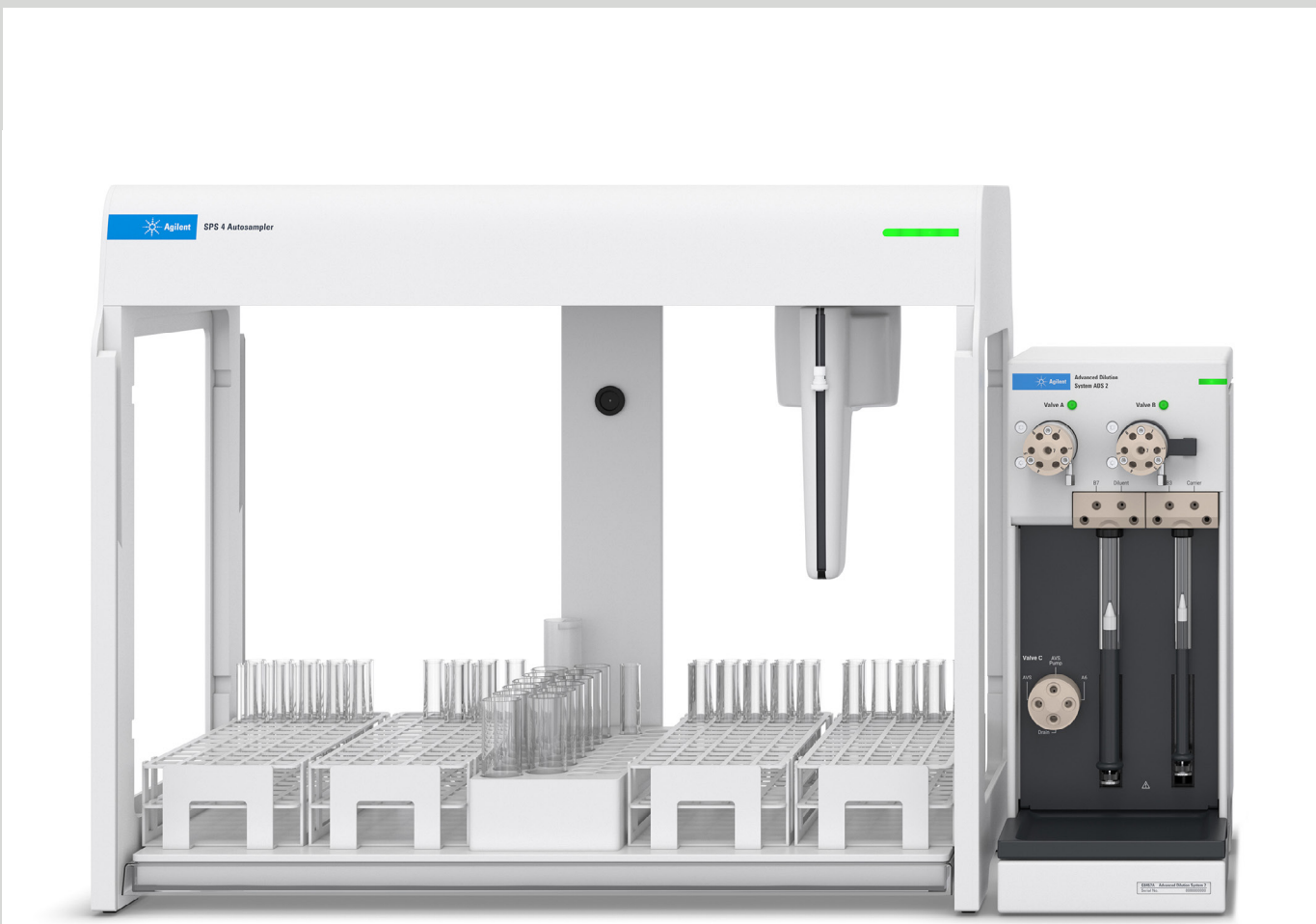
Save Your Analyst 9 Hours a Week: Automate Your ICP Analysis

The scenario:

ICP-OES analysis of 100 samples with 5-point calibration, 50x pre-analysis dilution, 15% rework.



Analyst



Automation

1 hr 33 min



Manual Standard
and Sample
Dilution

< 2 min

27 min



Manual Rework,
15% of Samples

0 min

3 hr 8 min



Total Analysis
Time

2 hr 15 min

5.54%



Data Repeatability
%RSD¹

2.05%

387 kg



Annual Plastic
Waste²

178 kg

\$13,260



Annual Cost
of Labware²

\$6,670

1. based on results from 5 analysts over 3 days.

2. based on 100 samples per day, 260 days per year.

