

Increase productivity and profitability in contract testing labs

Thermo Scientific Gallery discrete analyzer

Automate labor-intensive and time-consuming multi-parameter wet chemical analysis with a single instrument

Traditional wet chemistry challenges

Commercial Testing Labs have many challenges with multi parameter wet chemical analysis by traditional techniques like Flow Injection Analysis (FIA), Segmented Flow Analysis (SFA), and Titration, that are operator dependent and can handle limited parameters

VS

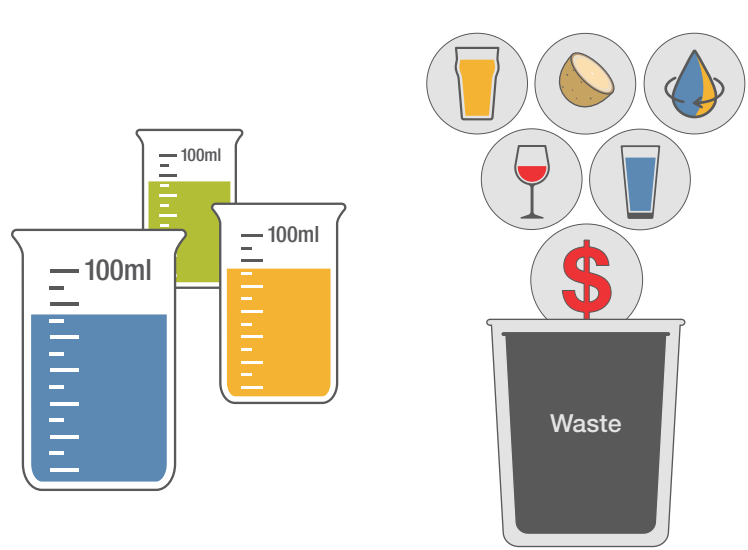
Innovative wet chemistry solutions

The Thermo Scientific™ Gallery™ discrete analyzer delivers reliable multiple parameters analysis, within a single instrument requiring only a single technician

Profitability per sample

Wet chemical analysis

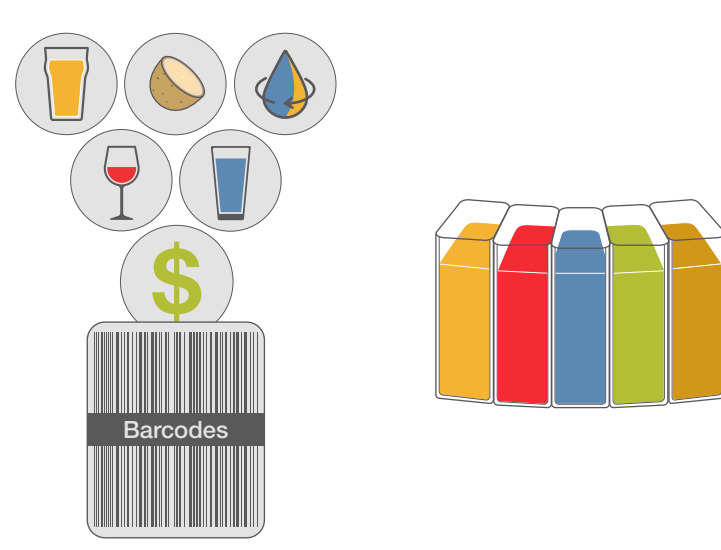
- 50–100 mL samples per test
- High waste disposal cost
- Drains profitability



VS

Gallery discrete analyzer platform

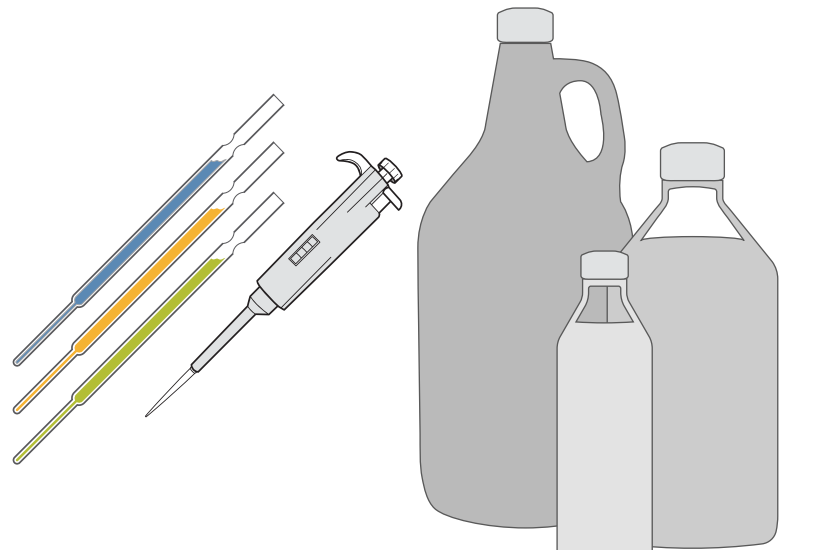
- Reduced sample consumption: 2–240 µL
- Lowest waste generation and disposal cost
- Increased profitability per test



Cost per test

Manual multiple reagents and standards preparation

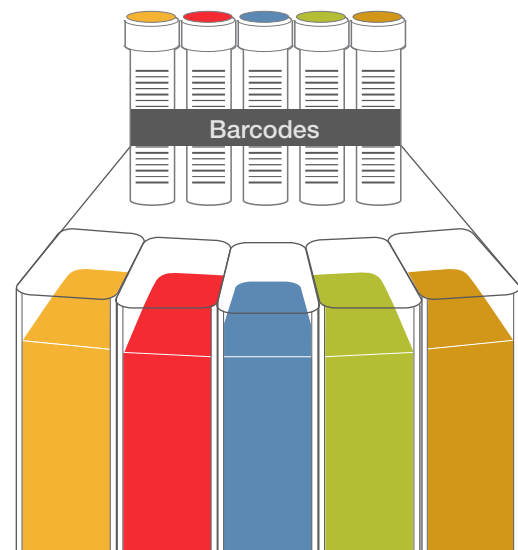
- Large reagents consumption per test
- Productivity loss
- Increased cost per analysis



VS

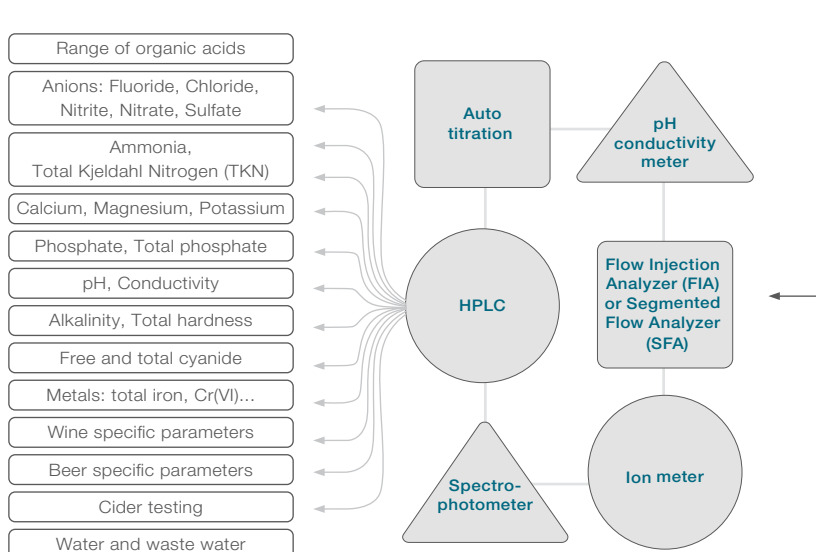
Ready to use reagents and standards with barcode

- Reduced reagent consumption: 2–120 µL
- Get more tests done
- Increased productivity, safety, and traceability
- Reduced cost per test

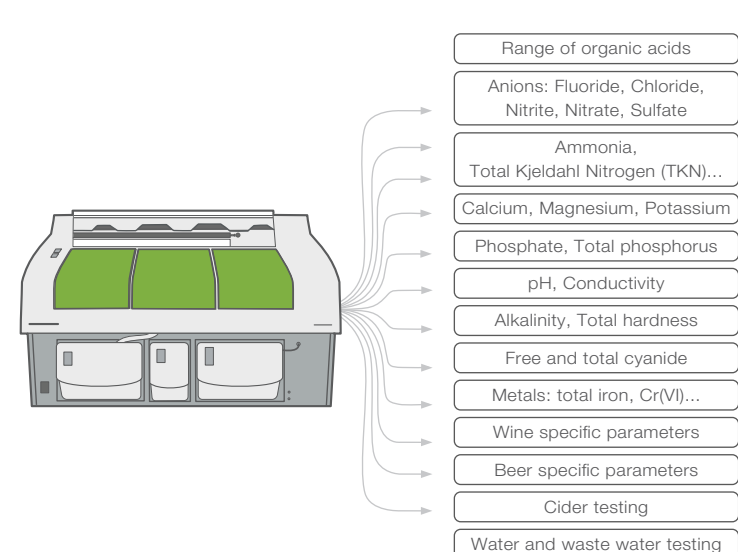


Instrumentation

Multiple instruments - multiple parameters



Consolidated wet chemical testing Single instrument - multiple parameters



Multiparameter analysis Turnaround time (TAT)

No

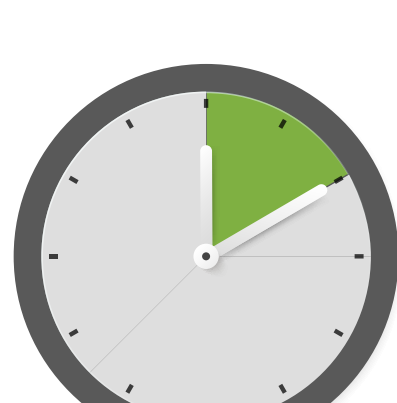
- Long turnaround time
- Typically single or max 4 parameters per sample
- Low throughput 20–80 tests/hr



VS

Yes

- Fast multi-parameter analysis
- High throughput up to 200–350 tests/hr



Single operator Walkaway productivity

No

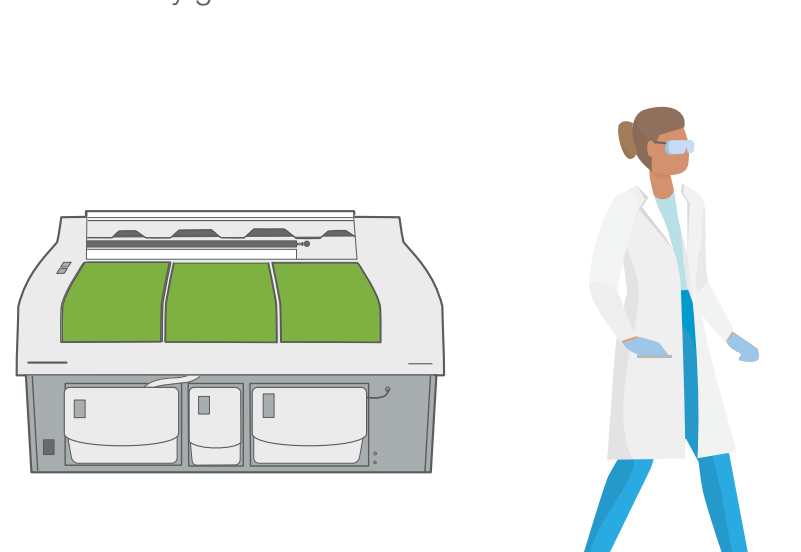
- Labor intensive
- Training and maintenance



VS

Yes

- Easy to operate
- Productivity gains



Find out more at thermofisher.com/discreteanalysis