

1ST AUTOMATIC

Having to do increasingly **more** with increasingly **less**

Operator safety

Turnaround time

Quality of the result

Patient **safety**

Too much **time** spent on testing



What's your **first** challenge ?

1st Automatic helps you meet your challenges

Workflow efficiencies...
... and more time for
patient care!

No contact with
blood nor risk of
needlestick injury

Critical results in as
little as 35 seconds
at the POC



Greater sample integrity
and fewer preanalytical errors

Correct patient-sample
match; correctly
identified results

Testing in a few,
automated steps

What's 1st Automatic ?

1st Automatic is Radiometer's solution for automating and simplifying blood sampling and data capture from test order to reported results.

1st Automatic combines analyzers, samplers and data management to ensure the right result for the right patient at the right time, while improving operator safety and sample integrity.



ABL800 FLEX analyzer



Radiometer DMS



ABL90 FLEX analyzer*



ABL80 FLEX analyzer



AQT90 FLEX analyzer**



safe**PICO**

Once implemented, we support your solution with training, compliance management and technical services

* Not for sale in the US with 1st Automatic

** Not for sale in the US



Achieve greater workflow efficiencies ... and more time for patient care

What if you could increase operator safety by ensuring your staff was never in contact with blood or at risk for needlestick injury?

Or if you could ensure correct patient-sample match at the bedside and thus correctly identified results?

What if you could ensure greater sample integrity and fewer preanalytical errors at the point of care?

What if your staff could spend less time on testing and more on patient care?

With 1st Automatic, you can.

Achieve greater workflow efficiencies ... and more time for patient care

Data accuracy = Patient safety
(and no lost billing opportunities!)

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Correctly identified results
are automatically sent to
LIS/HIS and to the POC



Reduced risk of errors, less staff
time spent on testing, faster TAT

=

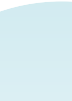
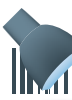
Blood sample is automatically
identified, mixed and measured



Less staff time spent on testing

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Patient and sample data are
automatically sent to the analyzer

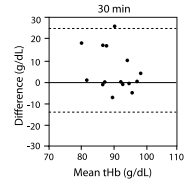
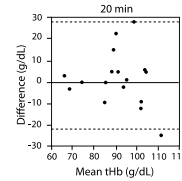
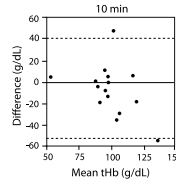


What is sample integrity worth to you?

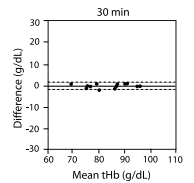
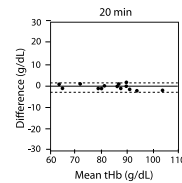
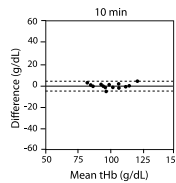
Sample integrity is the foundation of a result you can depend on. Radiometer's 1st Automatic helps you ensure:

- Reduced risk of clotting through preheparinized samplers
- Effective removal of air bubbles
- Fully automated and homogeneous sample mixing

Manual mixing



Automatic mixing with 1st Automatic



Grenache D, Parker C. Integrated and automatic mixing of whole blood: An evaluation of a novel blood gas analyzer. Clinica Chimica Acta 2006; issue: 1-2 page 153-157.



Sample, patient and operator IDs are scanned and linked together at the bedside



Correct patient-sample match helps ensure patient safety



Whole blood sample is drawn at the patient bedside with sampler/tube



Preheparinized samplers help ensure sample integrity



Safety sheath offers safe removal of needle. safeTIPCAP ensures no exposure to blood



Operator safety



Blood sample can be transported to the analyzer by anyone, allowing the caregiver to stay by the patient



Less staff time spent on testing



ACUTE CARE TESTING