

ABL90 FLEX analyzer



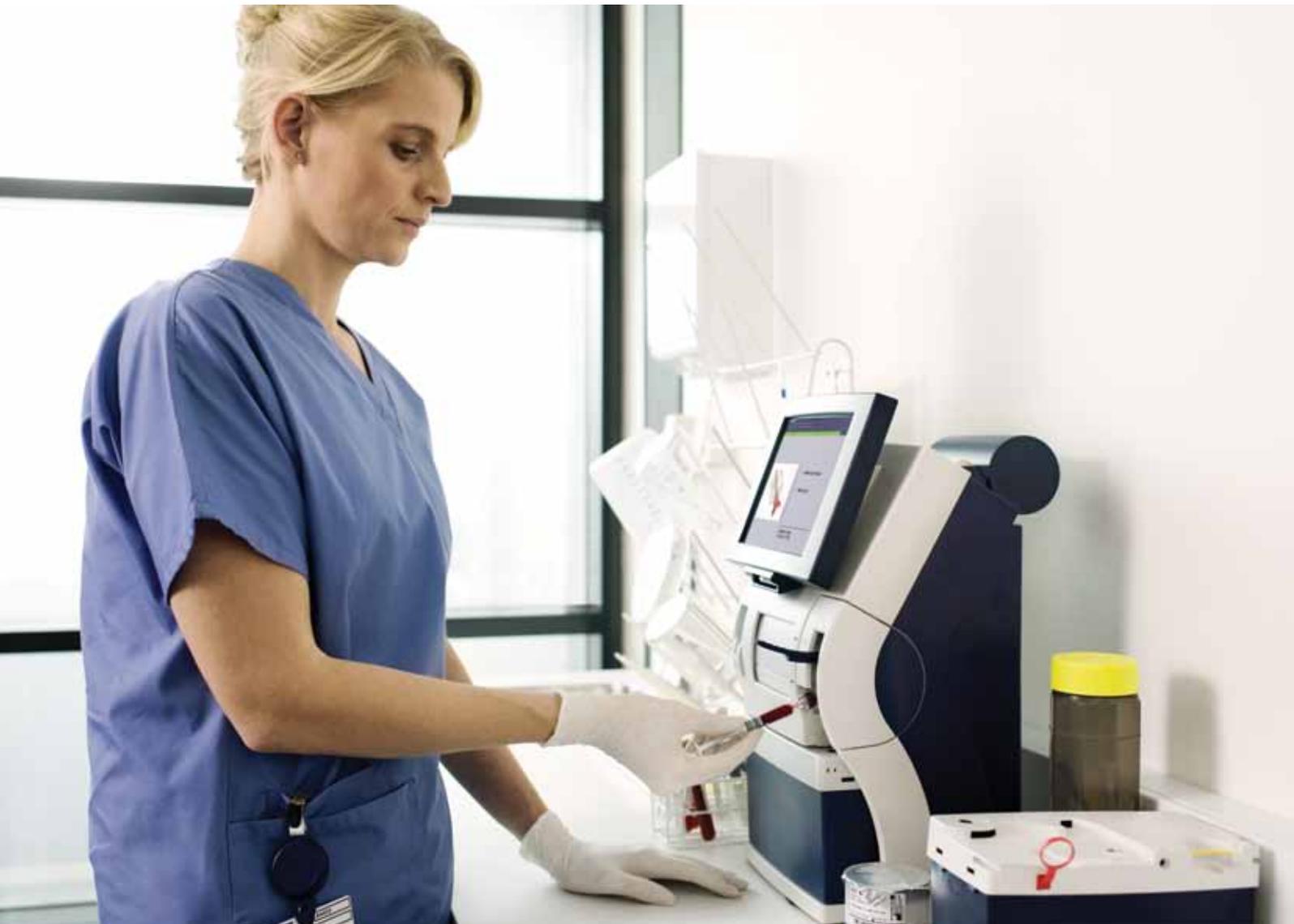
Time on your side

Now time is on *your* side

35 seconds. That's how fast you can get blood gas results in your hands with the ABL90 FLEX, Radiometer's next-generation, cassette-based analyzer.

Fast test results, low sample volume and high throughput make the ABL90 FLEX analyzer ideal for point-of-care testing. From the hectic time demands of the ED to the specific needs of the NICU the ABL90 FLEX provides you with speed and flexibility, so you can spend less time with the analyzer and more time on patient care.

Our small sample volumes enable point-of-care testing in every department, including the NICU.



Simpler, faster, better testing

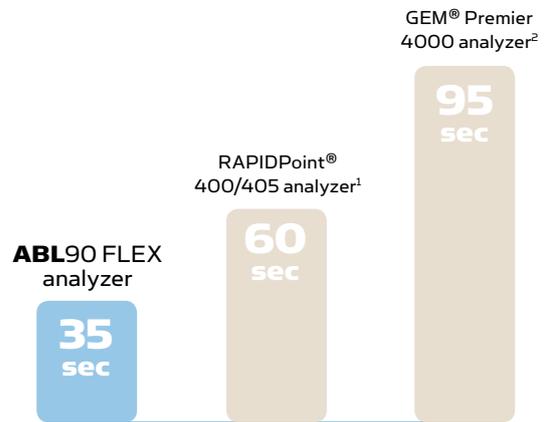
Simpler : Easy to use and maintain

The ABL90 FLEX is a plug-and-play solution. Testing is a quick, intuitive three-step process and maintenance is just as easy. Putting in a new sensor cassette and solution pack is the only maintenance needed, taking no more than a few seconds.



Faster : More time for patient care

The ABL90 FLEX offers automatic sample mixing in just seven seconds and full acute care panel results in only 35 seconds. That is only about a third of the time you would spend on other compact analyzers, giving you more time for patient care.



1. Time to results according to RAPIDPoint 400/405 technical specifications on <http://diagnostics.siemens.com>
2. Time to results for all tests with CO-Ox according to GEM Premier 4000 brochure on www.instrumentationlaboratory.com

Better : Accuracy and regulatory compliance

The quality management system on the ABL90 FLEX automatically measures on three dedicated aqueous QC solutions. Continuous system and analysis checks are run to ensure accuracy and reliability of results. Automated corrective actions can be viewed in the analyzer's activity log providing full regulatory compliance.



Small footprint, benchtop features

Smaller than a sheet of typing paper, its footprint and convenient handle make the ABL90 FLEX analyzer ideal for point-of-care applications. But despite the small size, the analyzer provides full benchtop features.



Variety of parameter panels and test volumes to fit your needs: from 50 to 900 tests*)

17 parameters in just 35 seconds from 65µL samples

Color touch screen for simple operation

Integrated barcode reader speeds data entry and reduces errors

Automatic sample mixing in just seven seconds

Self-cleaning inlet aspirates the sample in just five seconds

Easy-to-replace sensor cassette and solution pack guarantee high uptime and low maintenance

Built-in, automatic QC for accuracy and full regulatory compliance

Fully operational on battery and optional rolling stand for added flexibility*)

*) Not available at launch



Results in ONLY 35 seconds



1 Simply scan the sample's barcode or enter patient data directly on the touch screen.

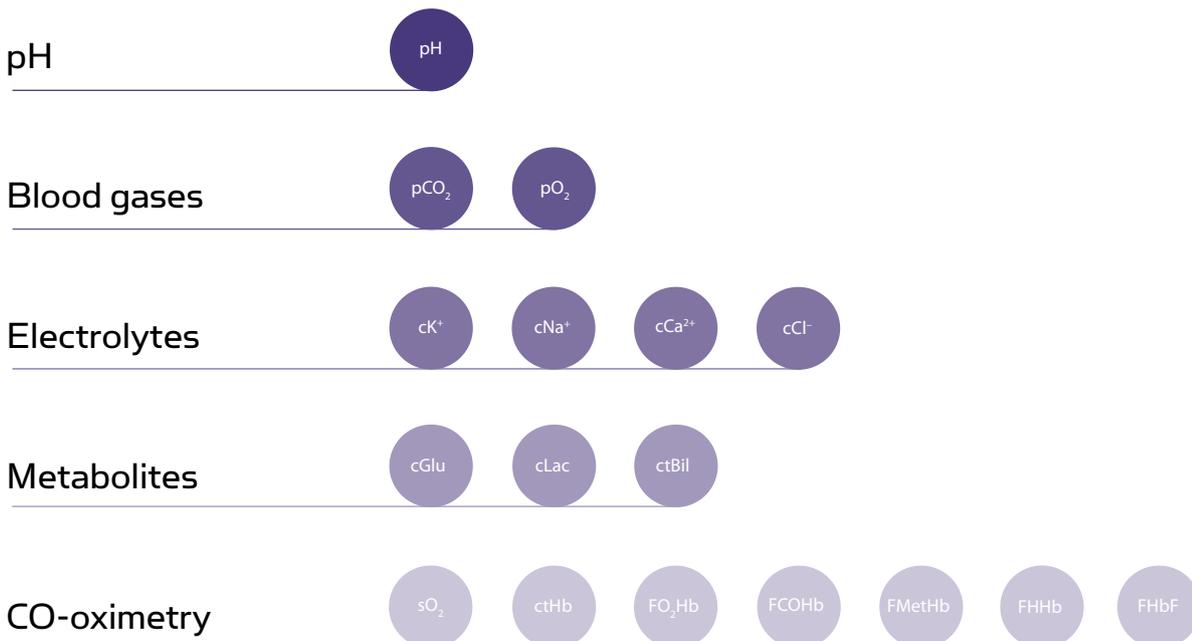


2 The self-cleaning inlet automatically aspirates the sample from either a syringe, capillary or test tube.



3 After only 35 seconds, you'll get a full panel of results on-screen, plus a paper printout. And data is automatically sent to the LIS/HIS, the bedside monitor, and even the physician's PDA.

The ABL90 FLEX provides a comprehensive acute care panel with 17 parameters.



Optimizing processes

Full IT connectivity

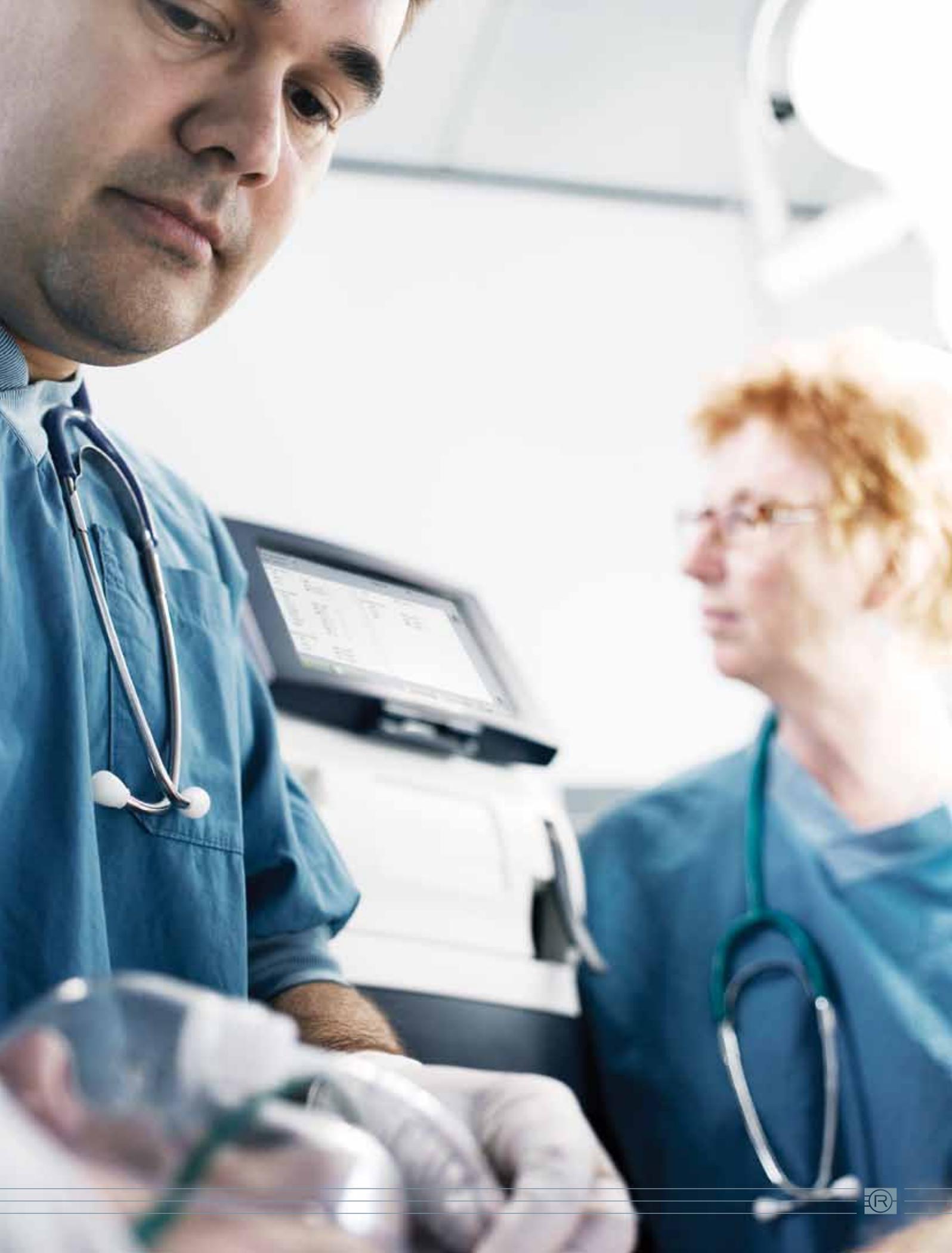
Radiometer's analyzer and data management system (DMS) provides real-time remote control from a central location. Test results obtained at the point of care are automatically reported to wherever needed: the lab, the patient's bedside monitor, or the physician's PDA. Full data capture is secured through continuous data synchronization between all analyzers and the LIS/HIS.



Automatic patient-sample match with 1st Automatic

The prebarcoded safePICO samplers and Radiometer's DMS automatically link operator, patient and sample IDs at the bedside. Once the sample is scanned at the analyzer's barcode reader, it is automatically recognized. The result is matched to the correct patient without the risk of mixups.





ACUTE CARE TESTING