

ABL90 FLEX analyzer
Time on your side
35 seconds!

That's how fast you get blood gas results on the new ABL90 FLEX analyzer.

Measure up to 17 parameters with full lab quality from 65 μ L samples.

Radiometer's next generation, cassette-based analyzer offers benchtop features in a compact design.

Plus get full IT connectivity, automatic quality management and minimum maintenance where you need it the most: at the point of care.



ABL90 FLEX analyzer

Time on your side

Test menu

pH | pCO₂ | pO₂ | sO₂ | ctHb | FO₂Hb | FCOHb | FMetHb | FHHb | FHbF | cK⁺ | cNa⁺ | cCa²⁺ | cCl⁻ | cGlu | cLac | ctBil

Fast results and always ready

- 35 seconds to results for 17 acute care parameters
- High uptime of more than 22 hours per day
- Throughput of 44 samples per hour

Complete flexibility

- 50, 100, 300, 600 and 900 test cassettes
- Efficient use on consumables
- Portable or with rolling stand
- Fully operational on battery
- Sample volume of just 65 µL for all parameters
- Syringe, capillary and test tube without adapter

Easy to use

- Step-by-step on-screen user guidance
- Automatic and standardized mixing prior to analysis

Easy to maintain

- Up to 30-days in-use lifetime of consumables
- Smart chips simplify installation and QC's are done automatically
- Remaining tests from a consumable can be used on another ABL90 FLEX analyzer
- Customizable pre-warnings
- Automatically detects and removes obstacles such as clots

Regulatory compliance

- Automatic quality control
- Dedicated QC solutions for correct quality control
- Continuous system and analysis checks
- Automated corrective actions
- Online peer group comparison through QA portal

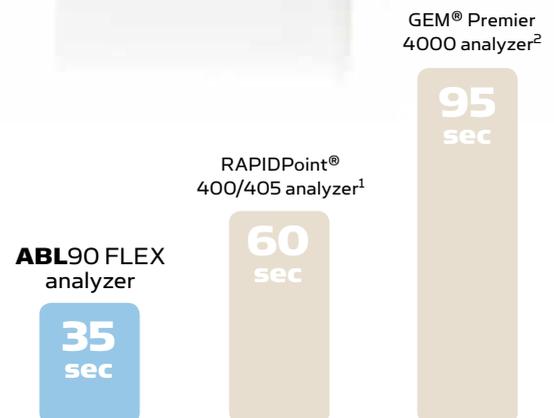
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Data integrity

- Standard protocols
- Full IT connectivity to RADIANCE STAT analyzer and data management system

1st Automatic ready

- Radiometer's 1st Automatic scans and links together sampler and patient ID at the bedside
- Correct patient information is automatically sent to the analyzer and linked to the correct result
- Increased patient safety and reduced risk of preanalytical errors



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

