



GIVE YOUR BLOOD GAS TESTING A **PLUS**

PROVEN PERFORMANCE

IMPROVED USER INTERACTION


**THE PLUS
VERSION**

ABL800 FLEX



CLEVER JUST GOT SMARTER

After more than 10 years of proven performance, the ABL800 FLEX analyzer is now available in a new PLUS version.

With more than 150 million tests performed on ABL800 FLEX analyzers every year, Radiometer has become a trusted partner of hospitals and laboratories around the world.

Since 2004 the ABL800 FLEX analyzer has provided results with a high analytical performance and an unsurpassed ease of use to everyone from laboratory managers to daily operators.

Due to its many clever, automated features and an advanced sensor technology, the ABL800 FLEX analyzer ensures accuracy, minimizes the risk of errors and makes your workflow faster.

And now, with the updated version of the ABL800 FLEX analyzer with its new smart design and an even better, faster user interaction, you can make your blood gas testing smarter than ever.



Slimmer screen case

Increased brightness, higher resolution

Improved screen responsiveness

Same measuring system
for proven accuracy
and reliability

Faster central
processing unit (CPU)

All interaction points
clearly marked in blue


**THE PLUS
VERSION**

ABL800 FLEX

GET ACCURATE RESULTS



SAVE VALUABLE TIME



EASY TO OPERATE SCREEN

Highly responsive tablet-like interaction, intuitive user interface, advanced help function.



COMPREHENSIVE PANEL OF CRITICAL PARAMETERS

Capable of analyzing up to 18 STAT parameters on the same blood sample.



RELIABLE RESULTS FROM LOW VOLUME BLOOD SAMPLES

Reliable results for blood samples down to 35 µL with the use of FLEXMODE and MICROMODE.



SUPPORTS FAST DIAGNOSIS

Fast and reliable results with analysis of up to three successive blood samples with the FLEXQ module.



REDUCES RISKS OF PREANALYTICAL ERRORS

Full automated scanning and automated mixing of blood samples with the FLEXQ module.



RESULTS WHEREVER NEEDED

With Radiometer's data management solution, AQUIRE, results are automatically transmitted to wherever needed: Patient's bedside monitor, and HIS/LIS (hospital and laboratory information systems).

The **ABL800 FLEX** analyzer has been made to fit the demands of a modern, efficient hospital. With its high performing technology and unique FLEXQ module, it brings down manual handling to a minimum, ensures accuracy and frees up time.

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



YOU ABL800 FLEX RESULTS YOU CAN TRUST

With 15,000 active analyzers globally, the ABL800 FLEX analyzer provides you with proven performance.

The accuracy and precision of the analyzer are based on advanced sensor technology, an optical measuring system and the fact that several of

the steps normally associated with blood gas testing are fully automated when using the ABL800 FLEX analyzer.

As a result, you get high analytical performance in the measurement of pH, blood gases, electrolytes, metabolites and oximetry parameters.



RELIABLE RESULTS FROM EVEN VERY SMALL BLOOD SAMPLES

The FLEXMODE on the ABL800 FLEX analyzer enables the analysis of very small samples from capillary tubes down to 35 µL. Based on the sample size, FLEXMODE automatically determines how many parameters can be reported without compromising the quality of results.

AUTOMATED QUALITY CONTROL

On the ABL800 FLEX analyzer, quality control is automated, saving time, ensuring reliability of test results and supporting compliance.

INTERFERENCE-PROTECTED GLUCOSE, LACTATE AND CREATININE RESULTS

The three-layer membrane on the glucose, lactate and creatinine sensors provides protection against interferences and helps ensure accurate results.

128 WAVELENGTHS SPECTROPHOTOMETER

The optical system of the ABL800 FLEX analyzer is based on a 128 wavelengths spectrophotometer with a measuring range from 478 – 672 nm. This allows the detection and correction of interfering substances, ensuring a high analytical quality of CO-oximetry results.

IMPROVE YOUR **WORKFLOW** WITH FLEXQ

Why make it complicated if you can make it simple? With the FLEXQ module on the ABL800 FLEX analyzer, blood gas testing has never been easier. Just place the *safePICO* syringe on the module and let the analyzer do the rest.

IMPROVE WORKFLOW AND SAMPLE QUALITY

The FLEXQ module, still unique within benchtop analyzers, is one of the finest examples of how Radiometer's close relationship with doctors, nurses, lab managers and hospital management, paired with an innovative approach, is capable of improving workflows and sample quality.

MINIMIZE THE RISKS OF ERRORS

Thanks to the FLEXQ module on the ABL800 FLEX analyzer, the blood sample is automatically scanned, mixed and analyzed, saving you valuable time and helping to ensure maximum sample integrity.

The FLEXQ module



MINIMIZE RISK OF SAMPLE MIX-UPS AND MAXIMIZE WORKFLOW EFFICIENCY

WITH THE 1ST AUTOMATIC SOLUTION

With the unique 1st Automatic solution from Radiometer you save time and ensure that the test results are matched to the correct patient to avoid the risk of mix-ups.

Due to the pre-barcoded *safePICO* syringe, you can scan and automatically link operator ID, patient ID and blood sample ID directly at bedside.

When the blood gas analysis is complete, results are transmitted back to the patient's bedside via the AQUIRE data management system. It's accurate and it's simple!



Add a PLUS to your hospital today



FIND OUT MORE NOW

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GET IN-DEPTH SCIENTIFIC ARTICLES ON
[ACUTECARETESTING.ORG](https://acutecaretesting.org)

FIND VIDEO GUIDES TO BLOOD GAS ANALYSIS HERE
[WWW.RADIOMETER.COM/BLOODGASGUIDE](https://www.radiometer.com/bloodgasguide)