



**ABL800 FLEX**

**Give your blood  
gas testing a plus**

Proven performance, improved user interaction



**THE PLUS  
VERSION**



Slimmer screen case

Increased brightness

Improved screen responsiveness

Faster central processing unit (CPU)

All interaction points clearly marked in blue

# 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 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.



Same measuring system  
for proven accuracy  
and reliability



## ABL800 FLEX



**Get accurate results**



**Save valuable time**

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 minimizes manual handling, ensures accuracy and frees up 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  $\mu\text{L}$  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).

$\text{pH}$  |  $\text{pCO}_2$  |  $\text{pO}_2$  |  $\text{sO}_2$  |  $\text{ctHb}$  |  $\text{FO}_2\text{Hb}$  |  $\text{FCO}_2\text{Hb}$  |  $\text{FMetHb}$  |  $\text{FHHb}$   
 $\text{FHbF}$  |  $\text{cK}^+$  |  $\text{cNa}^+$  |  $\text{cCa}^{2+}$  |  $\text{cCl}^-$  |  $\text{cGlu}$  |  $\text{cLac}$  |  $\text{cCrea}$  |  $\text{ctBil}$

# 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  $\mu\text{L}$ . 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.



THE PLUS  
VERSION

**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 risk 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 1<sup>st</sup> 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!



## Whatever comes next, we make sure life comes first

Radiometer products and solutions are used in hospitals, clinics, and laboratories in over 130 countries, providing information on critical parameters in acute care diagnostics. Through connected solutions, expert knowledge, and trusted partnership, we help health care professionals make diagnostic decisions to improve patient care.

Contact us today.

Visit our website to arrange for a demo.

[www.radiometer.com](http://www.radiometer.com)