

CLEVER JUST GOT SMARTER

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

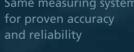
With more than 150 million tests performed on ABL800 FLEX analyzers every year, Radiometer has become a trusted partner of hospitals and laboratories around the world.

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.

Same measuring system for proven accuracy and reliability





Faster central processing unit (CPU)

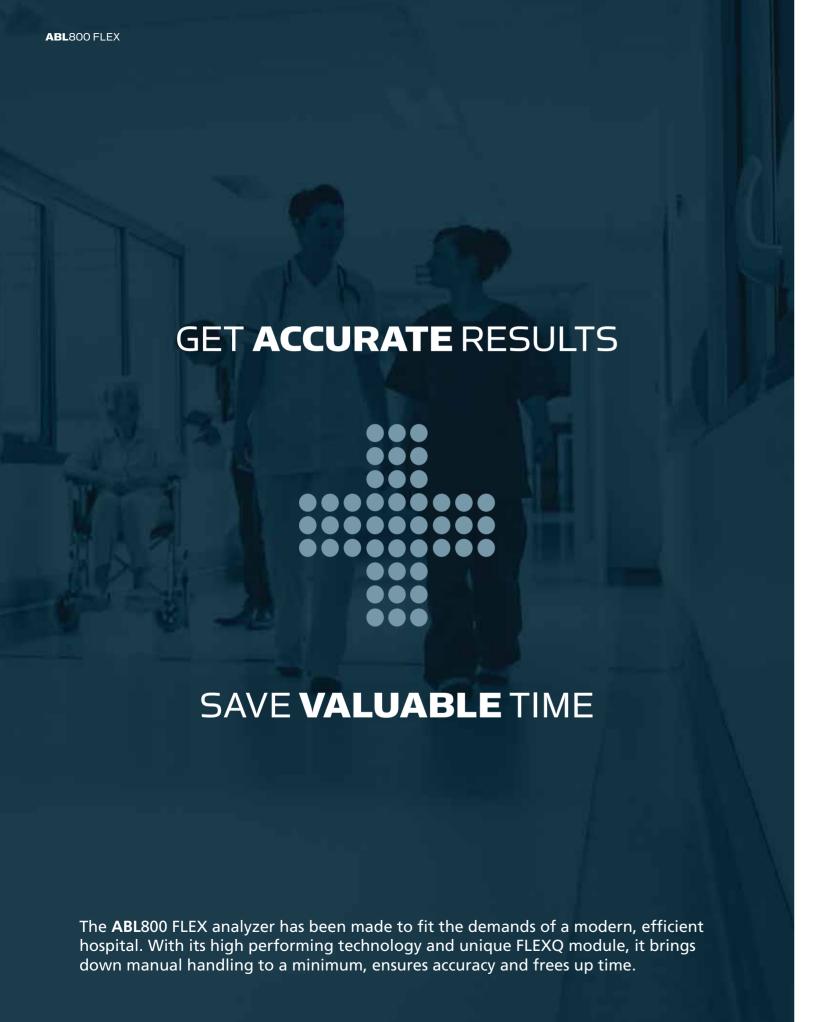
THE HATAMORDAN

All interaction points clearly marked in blue

Slimmer screen case

Improved screen responsiveness

ABL800 FLEX





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

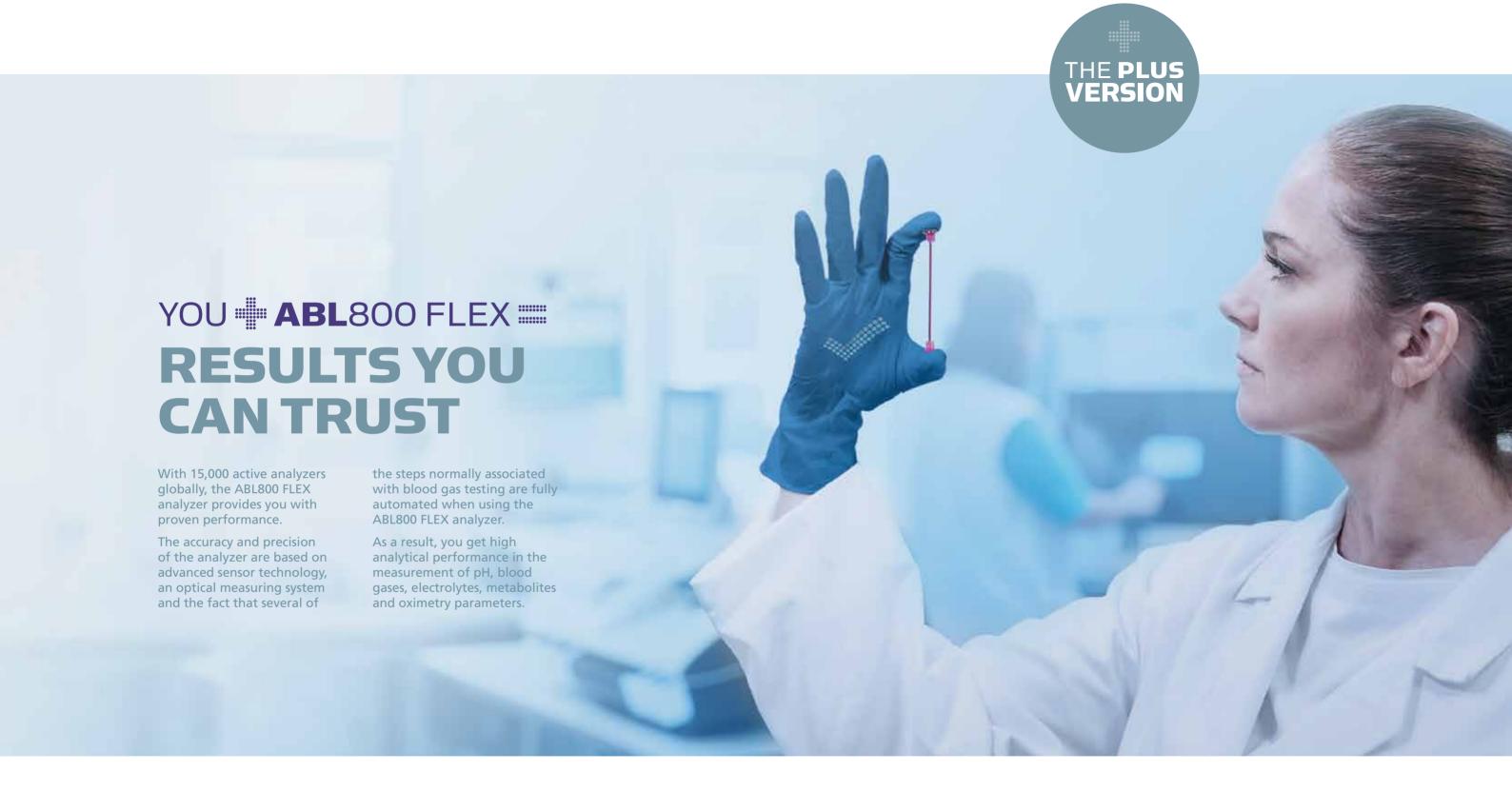
With Radiometer's data management solution, AQURE, results are automatically transmitted to wherever needed: Patient's bedside monitor, and HIS/LIS (hospital and laboratory information systems).

pH | pCO₂ | pO₂ | sO₂ | ctHb | FO₂Hb | FCOHb | FMetHb | FHHb

FHbF | cK⁺ | cNa⁺ | cCa²⁺ | cCl⁻ | cGlu | cLac | cCrea | ctBil

ABL800 FLEX

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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 μ 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.

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.



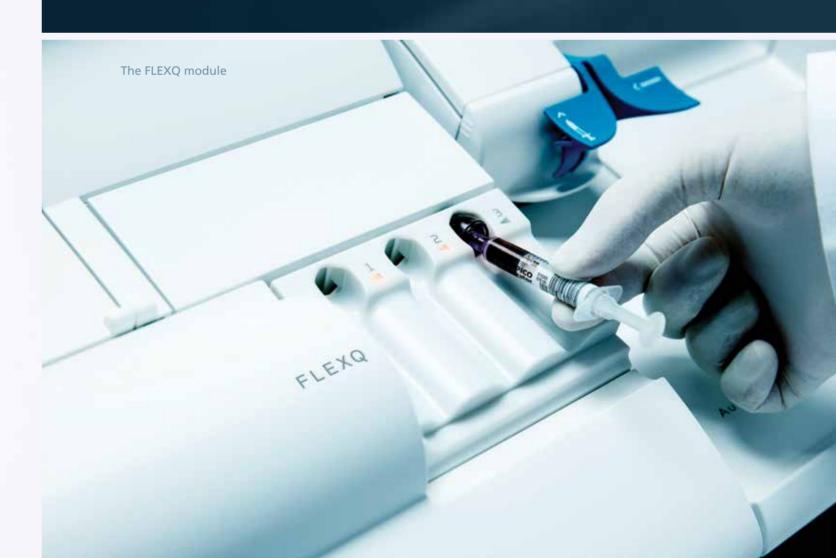
Why make it complicated if you can make it simple? With the FLEXQ module on the ABL800 FLEX analyzer, blood gas testing has never been easier. Just place the *safe*PICO syringe on the module and let the analyzer do the rest.

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.





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 *safe*PICO 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 AQURE data management system. It's accurate and it's simple!













Add a PLUS to your hospital today



FIND OUT MORE NOW

RADIOMETER.COM/ABL800FLEX

GET IN-DEPTH SCIENTIFIC ARTICLES ON ACUTECARETESTING.ORG

FIND VIDEO GUIDES TO BLOOD GAS ANALYSIS HERE WWW.RADIOMETER.COM/BLOODGASGUIDE