

Simpler, faster, better

Radiometer's products and services simplify and automate all phases of acute care testing, providing you with the speed and ease of use you want and the accuracy you need.

This is acute care testing truly made simpler, faster and better.

Contact us

Radiometer is represented in more than 100 countries.

For the local Radiometer representative nearest you, please go to www.radiometer.com.



Radiometer Medical ApS

Åkandevvej 21

2700 Brønshøj

Denmark

Tel: + 45 38 27 38 27

Fax: + 45 38 27 27 27

www.radiometer.com



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RADIOMETER 

The **ABL80** FLEX analyzer series



Sensible, scalable
blood gas analyzer solutions

Analyzers designed to meet *your* diagnostic needs

Scalability and renowned Radiometer quality

From primary care clinics to full-service hospitals, the ABL80 FLEX series of cassette-based blood gas analyzers can meet every need elegantly, efficiently, and economically. Not only do they feature the outstanding quality and the low cost of ownership that have become Radiometer hallmarks, these state-of-the-art portable analyzers also provide unprecedented flexibility. You get the diagnostic capabilities and test capacities that best fit your acute care requirements.

Meeting your acute care requirements

For many smaller clinics and hospital departments, the BASIC version of the ABL80 FLEX analyzer offers a cost-effective way to improve patient treatment with minimal investment.

For larger clinics and hospitals, the ABL80 FLEX and the ABL80 FLEX CO-OX units provide quality, reliability, and comprehensive benchtop features. For added flexibility, its sensor cassettes are available with a variety of parameter panels and test volumes that let you perform from 25 up to 600 tests.

Portability and flexibility

With a footprint smaller than a sheet of typing paper, you can take the ABL80 FLEX series of analyzers anywhere. That means a single analyzer can be used in several departments. And with this kind of flexibility, coupled with our optional automatic quality control system (available for most models), next-generation care is now a reality throughout every hospital, large or small.





ABL80
PLEX

SafePICO Mixer



Small footprint, big capabilities

Common denominators

User interface

Large color touch screen for simple operation

Customizable set-up

Customizable interface profiles and manager control settings

Portable size

8.5 kgs (19 lbs)

Battery option

Fully operational on battery in case of power outages

IT connectivity

Full LIS/HIS connectivity

Integrated barcode reader

Speeds data entry and reduces errors



ABL80 FLEX BASIC version



ABL80 FLEX



ABL80 FLEX CO-OX

Model specific denominators

Parameter panel	Time to results
BG/Lytes Hct	~ 100-115 seconds
BG/Lytes Hct Glucose	~ 100-115 seconds
BG/Lytes CO-OX Glucose	~140 seconds

Sample volume	QC	Shelf life	In-use life	Standby mode	Start up time*)
70 µL	Manual QC	SC 120 days SP 150 days	SC 60 days SP 60 days, with extensive use of standby mode	Conserves solutions and reduces expenses	~ 5 minutes
70 µL	Automatic QC and Manual QC	SC 120 days SP 120 days	SC 30 days SP 30 days	-	~ 8 minutes ~20-25 minutes with glucose
105 µL	Automatic QC and Manual QC	SC 90 days SP 90 days	SC 30 days SP 30 days	-	~ 8 minutes ~20-25 minutes with glucose

*) for consumables with
new sensor cassette



Automated features save time and reduce the risk of errors

Automated mixing

The safePICO Mixer, a portable and automated mixing device, ensures fast and complete mixing of the sample prior to analysis on any of the ABL80 FLEX series analyzers. Automated mixing saves time and reduces the risk of preanalytical errors.

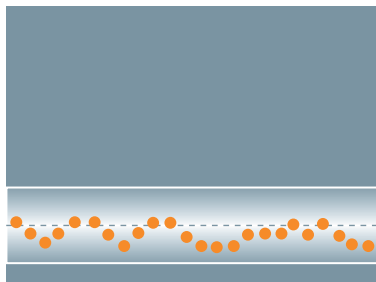


Automated quality control

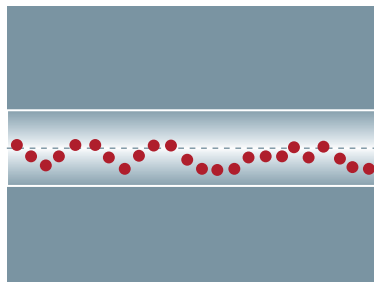
The ABL80 FLEX and CO-OX analyzer versions offer automatic QC. The comprehensive QC system provides aqueous measurements on three levels of solutions, covering a broad portion of the reportable range. System checks are continually performed, followed by automatic corrective actions where necessary.

QC measurements cover low, normal and high reportable ranges

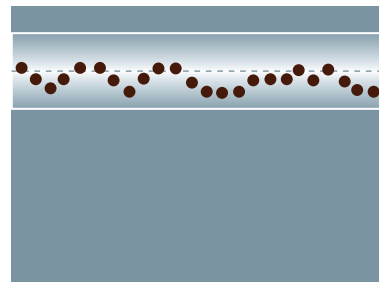
Low



Normal



High





Automatic patient-sample match with 1st automatic

The prebarcoded *safePICO* samplers and the FLEXLINK software automatically link patient and sample IDs at the bedside. Once the sample is scanned on the barcode reader of any of the ABL80 FLEX series analyzers, it is automatically recognized. The test result is matched to the correct patient without the risk of mixups.

Full IT connectivity

The ABL80 FLEX analyzer series offers full connectivity through our RADIANCE STAT analyzer and data management system. Correctly identified results of tests carried out at the point of care are automatically reported to wherever needed: the lab, the patient's bedside monitor or the doctor's PDA. Full data capture is secured through continuous data synchronization between analyzers and LIS/HIS.

