

safePICO Self-fill arterial sampler



The unique sampler

Equipped with a range of advanced features, the *safePICO* Self-fill is a key component of 1st automatic, the world's first fully automated blood gas analysis system. The *safePICO* Self-fill arterial sampler offers superior sampling safety and reduces the risk of preanalytical errors.

Arterial blood sampler for pH, blood gas, oximetry, electrolyte and metabolite analysis.

Specifications

Mixing device	3.5 mm magnetic steel ball
Heparin	60 IU electrolyte-balanced heparin, coated on a fiber disk
Sample volume	0.7-1.5 mL. A sample volume above 1 mL is required when ctHb is measured
Sterilization	By ethylene oxide
Unique sampler ID	Code 128 barcode

Advantages



Reduce patient discomfort

The *safePICO* is available with a wide selection of sharp preattached needles. The thin-wall and short-bevel needle is designed for smooth arterial penetration, reducing patient discomfort.



Maximize safety

The *safePICO* Self-fill comes with our easy-to-use needle-shield safety device. It enables the syringe needle to be removed with one hand and without the risk of needle-stick injuries.



Quickly remove air bubbles

The unique self-sealing design of our *safeTIPCAP* simplifies the removal of air bubbles and limits the risk of contact with patient blood.



Rapid homogeneous mixing

The metal ball ensures a homogeneous mixing of the sample before analysis. If you're using our *safePICO* Mixer or FLEXQ module, the metal ball will allow automatic mixing. See a demonstration of the mixing ball at www.radiometer.com/safepicomixer.



Prevent sample clotting

Every *safePICO* is preheparinized with a high dose of 60 IU electrolyte-balanced heparin coated on a fiber disc to protect against clotting, even after prolonged storage.



Correct patient and sample identification

Each *safePICO* sampler is prebarcoded to guarantee correct patient identification every time. Using our FLEXLINK software, sampler and patient IDs are scanned and linked at the bedside and the information is stored by the analyzer. After analysis the correct patient information is automatically linked to the correct test result.



For more information about *safePICO* Self-fill, visit www.radiometer.com.

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