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**

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

Data subject to change without notice.

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