



### 一次性使用人体动脉血样采集器

**注册证号：**国械注准20213221067

**适用范围：**供临床动脉血气分析时进行动脉血样的采集和贮存。

**产品结构：**分为普通型和防针刺型两种型号，普通型由针头护帽、采血针、肝素混合球、胶塞、透气材料、外套及芯杆组成，外套内壁涂覆有肝素锂锌涂层，可选配的密封件为硅胶块和密封帽；防针刺型由针头护帽、采血针、针头防刺装置、肝素混合球、胶塞、透气材料、外套及芯杆组成，外套内壁涂覆有肝素锂锌涂层，可选配的密封件为密封帽和硅胶块。

#### 产品特点：

1. 超细精密喷涂肝素锂锌附着于针筒内壁增大接触面积，溶解更迅速，混合更均匀，有效保证血液中二氧化碳和氧的原始含量不变精确测定血气、自由钙离子、PH值等，保证检测结果准确性。
2. 超细超薄锐利针尖，平滑设计减轻疼痛，动脉穿刺更顺滑，有效提高穿刺成功率，超薄管壁，充盈更迅速。
3. 预设采血血液自动充盈，无需手动排气，减少溶血概率，透气塞双层孔石结构，自动排气，遇湿自动封闭，无气泡残留。
4. 独特设计防针刺型杜绝针刺伤，保障医护操作人员安全。
5. 安全采集降低感染风险可靠保护，远离针尖误伤，一体化针头设计，动脉穿刺更顺滑可单手操作，只需手指轻轻一推，安全锁定针头，有效减少针尖暴露的危险安全防护帽快速锁定针头，防止针尖刺伤针头保护系统将准确性和安全性融为一体。

Disposable Human Arterial Blood Sampler

Registration No.: GXZZ 20213221067

Scope of Application:

It is used for the collection and storage of arterial blood samples during clinical arterial blood gas analysis.

#### Product Structure:

The product is available in two models: standard and needlestick prevention. The standard model consists of a needle cap, blood collection needle, heparin mix ball, rubber plug, breathable material, outer sheath, and core rod. The inner wall of the outer sheath is coated with a lithium-zinc heparin coating. Optional sealing components include a silicone block and sealing cap. The needlestick prevention model consists of a needle cap, blood collection needle, needlestick prevention device, heparin mix ball, rubber plug, breathable material, outer sheath, and core rod. The inner wall of the outer sheath is also coated with a lithium-zinc heparin coating. Optional sealing components include a sealing cap and silicone block.

#### Product Features:

1. Ultra-fine precision spray coating of lithium-zinc heparin is applied to the inner wall of the syringe to increase the contact area. This facilitates faster dissolution and more uniform mixing, ensuring the original content of carbon dioxide and oxygen in the blood remains unchanged. It enables precise measurement of blood gases, free calcium ions, pH value, and ensures the accuracy of test results.
2. The ultra-fine and ultra-thin sharp needle tip, along with the smooth design, reduces pain during arterial puncture, making the procedure smoother. This effectively improves the success rate of puncture. The thin tube wall allows for quicker filling.
3. Prefilled blood collection with automatic blood filling eliminates the need for manual venting, reducing the risk of hemolysis. The dual-layer porous stone structure of the breathable plug allows for automatic venting and automatic sealing when exposed to moisture, ensuring no residual air bubbles.
4. The unique design of the needlestick prevention model eliminates the risk of needlestick injuries, ensuring the safety of healthcare personnel during medical procedures.
5. The safe collection reduces the risk of infection and provides reliable protection, keeping away from needlestick injuries. The integrated needle design allows for smoother arterial puncture and can be operated with one hand. Simply push gently with a finger to securely lock the needle. This effectively reduces the danger of needlestick exposure. The safety protective cap quickly locks the needle, preventing needlestick injuries. The needle protection system combines accuracy and safety into one.