

PICO 70

State of the art arterial blood sampling

RADIOMETER
COPENHAGEN 

PICO™ SAMPLERS

PICO 70 - optimized de blood sampling

The new self-filling PICO 70 is the first sampler where all components are designed specifically for arterial sampling.

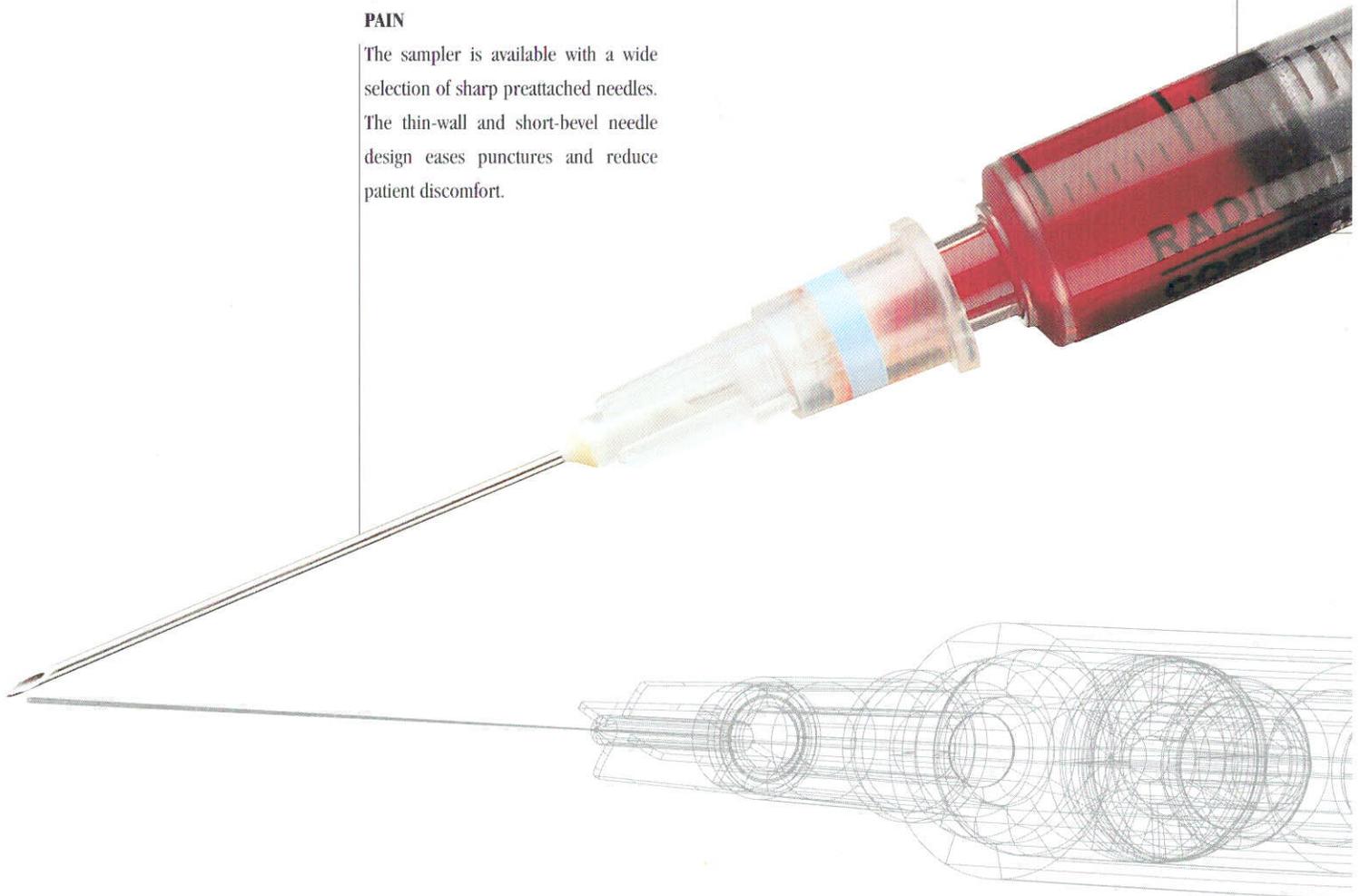
The design offers a number of advantages that make it easier than ever to collect and analyze an arterial blood sample without bias. Using the PICO 70 will add reliability to blood gas, co-oximetry, electrolyte and metabolite test results.

SHARP, FAST-FILLING, HIGH-QUALITY NEEDLES FOR REDUCED PAIN

The sampler is available with a wide selection of sharp preattached needles. The thin-wall and short-bevel needle design eases punctures and reduce patient discomfort.

SILICONE-FREE SAMPLER FOR IMPROVED ANALYZER PERFORMANCE

PICO 70's unique sealing-ring design ensures smooth and easily controlled movement of the plunger, so there is no need for silicone on the inner walls of the barrel. This eliminates the danger that silicone from the syringe will coat the tubings and the electrode membranes, reducing analyzer performance and the lifetime of the membranes.



sign for arterial

VENT MECHANISM FOR FAST FILLING AND SAFE SEALING

The vent on the PICO 70 facilitates fast filling and provides immediate anaerobic sealing when the sampler is full.



SMALL VOLUME BARREL OFFERS USER COMFORT AND CONTROL

The sample volume is 0.3 to 1.5 mL, the ideal amount for all whole blood tests. This means that only one product is needed.

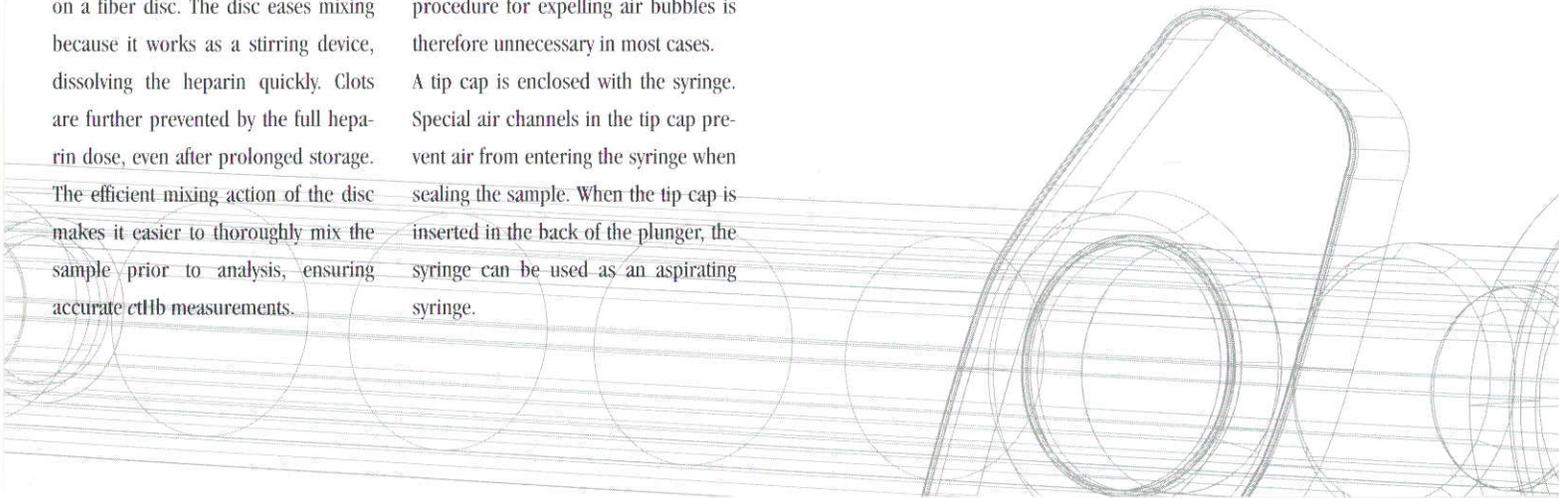
DESIGNED TO AVOID AIR BUBBLES, A MAJOR SOURCE OF ERRORS

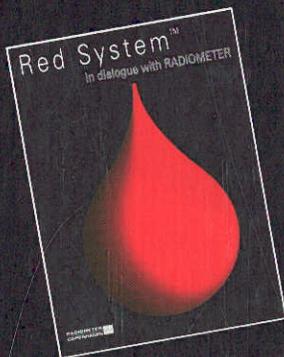
Air bubbles in arterial blood samplers bias pO_2 values. PICO 70 is constructed to be virtually bubble-free by means of an advanced barrel and venting design and the silicone-free barrel walls. The procedure for expelling air bubbles is therefore unnecessary in most cases.

A tip cap is enclosed with the syringe. Special air channels in the tip cap prevent air from entering the syringe when sealing the sample. When the tip cap is inserted in the back of the plunger, the syringe can be used as an aspirating syringe.

HEPARIN DISC EASES MIXING AND PREVENTS CLOTTING

PICO 70 is heparinized with 60 IU electrolyte-balanced heparin¹, coated on a fiber disc. The disc eases mixing because it works as a stirring device, dissolving the heparin quickly. Clots are further prevented by the full heparin dose, even after prolonged storage. The efficient mixing action of the disc makes it easier to thoroughly mix the sample prior to analysis, ensuring accurate cHb measurements.





RADIOMETER helps hospitals worldwide with quality and cost effective STAT testing solutions for diagnosis of critically ill patients. To achieve this we have developed a systematic approach where we analyze your needs before we suggest a customized solution. This approach is called RED SYSTEM.

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Data subject to change without notice.

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Radiometer Medical A/S is a ISO 9001 and EN 46001 certified company.

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