

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.

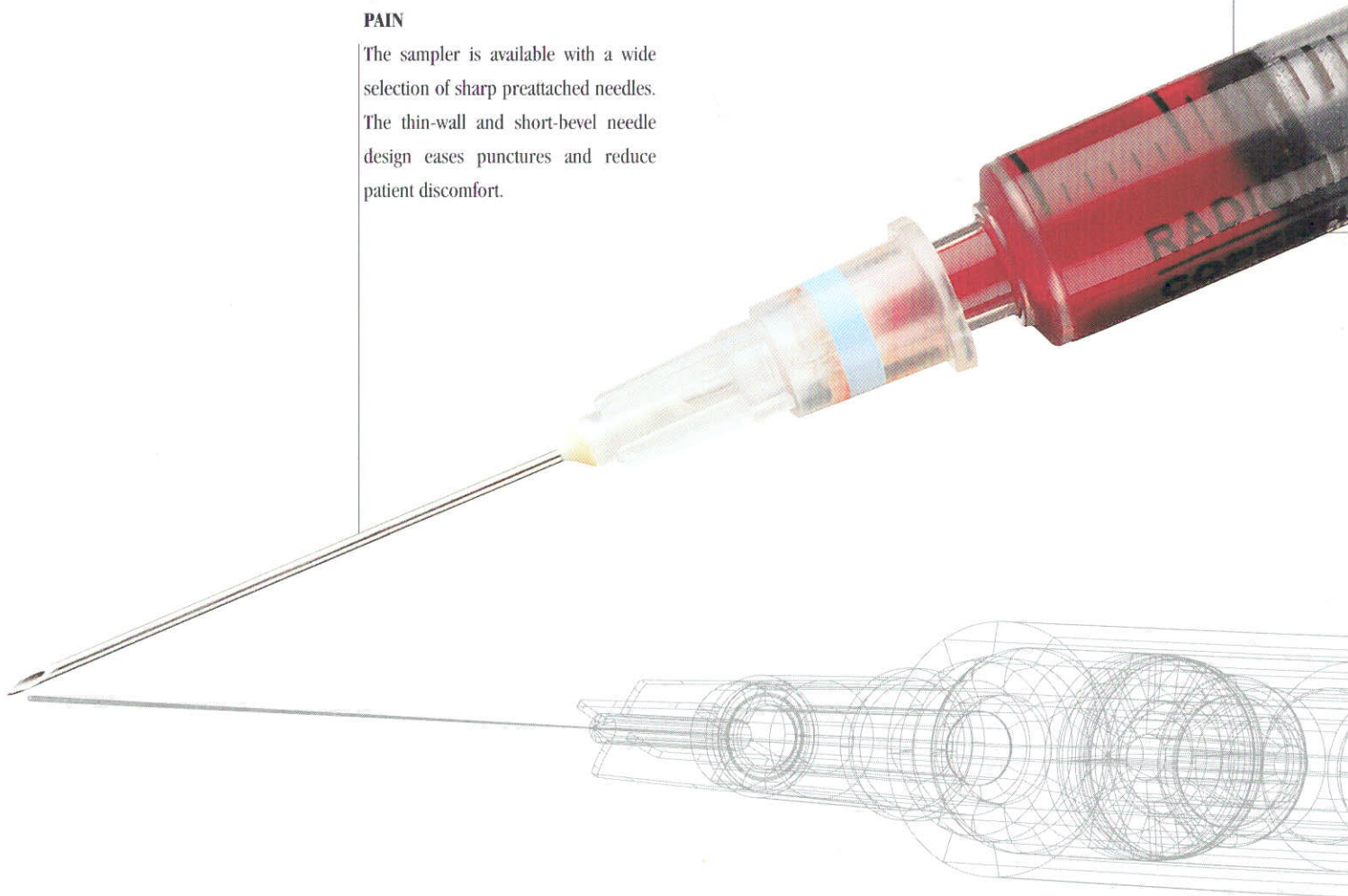
The design offers a number of advantages that make it easier than ever to collect and analyze an arterial blood sample without bias. Using the PICO 70 will add reliability to blood gas, co-oximetry, electrolyte and metabolite test results.

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.

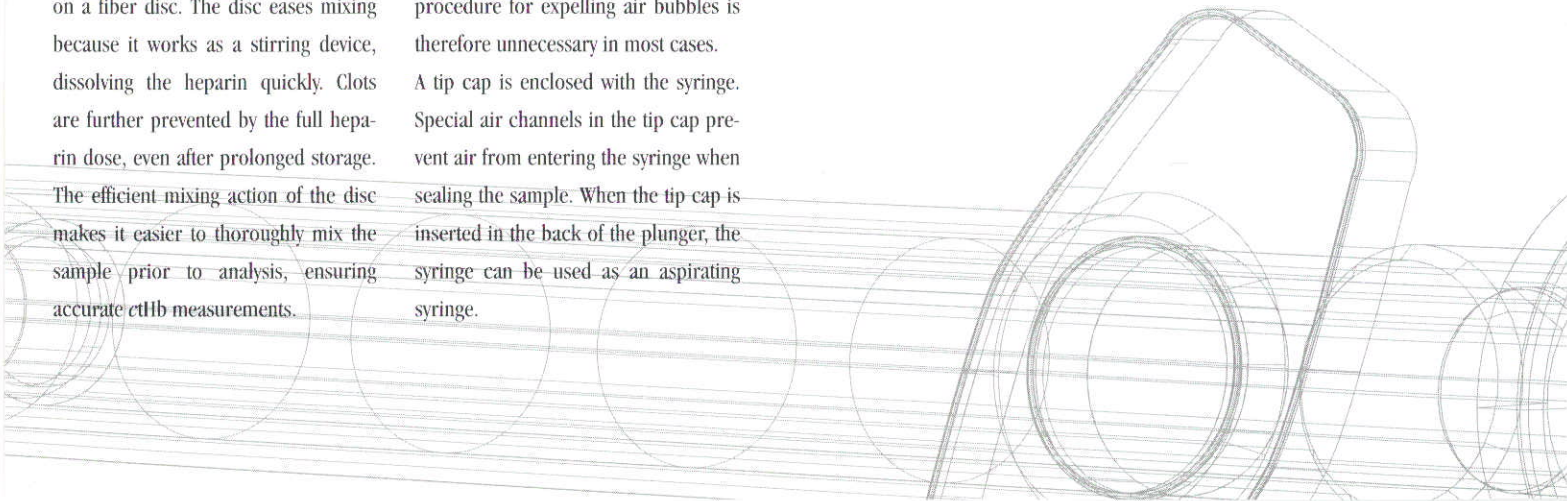
DESIGNED TO AVOID AIR BUBBLES, A MAJOR SOURCE OF ERRORS

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.

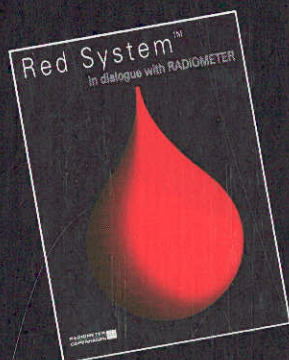
A tip cap is enclosed with the syringe. Special air channels in the tip cap prevent air from entering the syringe when sealing the sample. When the tip cap is inserted in the back of the plunger, the syringe can be used as an aspirating syringe.

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.



Sales subsidiaries



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.

Australia:
RADIOMETER
PACIFIC PTY. LTD.
P.O. Box 47
Nunawading, Victoria 3131
Tel: +61 3 9259 2222
Fax: +61 3 9894 8362
e-mail: sales@rpac.aust.com

Denmark:
RADIOMETER DANMARK A/S
Valhøjs Allé 176
DK-2610 Rødovre
Tel: +45 38 27 28 29
Fax: +45 38 27 27 12
e-mail: rdan@radiometer.dk

France:
RADIOMETER SA
Z.A. la Fontaine du Vaisseau
8, rue Edmond Michelet
F-93360 Neuilly-Plaisance
Tel: +33 1 4944 3550
Fax: +33 1 4309 8141
e-mail: rfra@radiometer.fr

Germany:
RADIOMETER GmbH
Linsellesstrasse 142
D-47877 Willich
Tel: +49 (2154) 818-0
Fax: +49 (2154) 818184
e-mail:
mktgmed@radiometer.de
http://www.radiometer.de

Holland:
RADIOMETER
NEDERLAND BV
P.O. Box 233
Chroomstraat 6-8
NL-2718 RR-Zoetermeer
Tel: +31 79-3614593
Fax: +31 79-3614599
e-mail: info@radiometer.nl

Japan:
RADIOMETER TRADING K.K.
MT2 Building
12-23 Mita 1-chome
Meguro-ku, Tokyo 153
Tel: +81 (3)-5704-8001
Fax: +81 (3)-5704-8055
e-mail:
salesdep@radiometer.co.jp

New Zealand:
RADIOMETER PACIFIC LTD.
Unit A
10-20 Sylvia Park Road
P.O. Box 12416, Penrose
Auckland
Tel: +64 (9) 5731110
Fax: +64 (9) 5731106

Spain:
RADIOMETER ESPAÑA S.A.
Avda. de Castilla 2
Parque Empresarial
San Fernando
Edificio Japón 1
E-28830 San Fernando
de Henares, Madrid
Tel: +34 91-655 9950
Fax: +34 91-655 9955
e-mail: resp@radiometer.es

Switzerland:
RADIOMETER GMBH
Zürcherstrasse 68
Postfach 124
CH-8800 Thalwil
Tel: +41 (1) 723 38 60
Fax: +41 (1) 723 38 65
e-mail: info@radiometer.ch

United Kingdom:
RADIOMETER LTD.
Manor Court
Manor Royal, Crawley
West Sussex RH10 2PY
Tel: +44 (1293) 517599
Fax: +44 (1293) 531597
e-mail:
sales@radiometer.co.uk

U.S.A.:
RADIOMETER AMERICA, INC.
810 Sharon Drive
Westlake, OH 44145-1598
Tel: +1 800-736-0600
Fax: +1 440-871-2633
e-mail:
info@radiometeramerica.com

South East Asia:
RADIOMETER
MEDICAL SDN BHD
5-3A, Jalan SS23/15
Taman Sea
Petaling Jaya
47400 Selangor
Malaysia
Tel: +60 3 703 1351
Fax: +60 3 703 2465

Other countries:
RADIOMETER
INTERNATIONAL A/S
International Sales Division
Valhøjs Allé 176
DK-2610 Rødovre
Tel: +45 38 27 38 27
Fax: +45 38 27 27 11
e-mail: rint@rint.dk

For further information contact your local RADIOMETER representative or see RADIOMETER's homepage www.radiometer.com

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

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IN DIALOGUE WITH RADIOMETER



Radiometer Medical A/S
DK-2700 Brønshøj
www.radiometer.com

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