



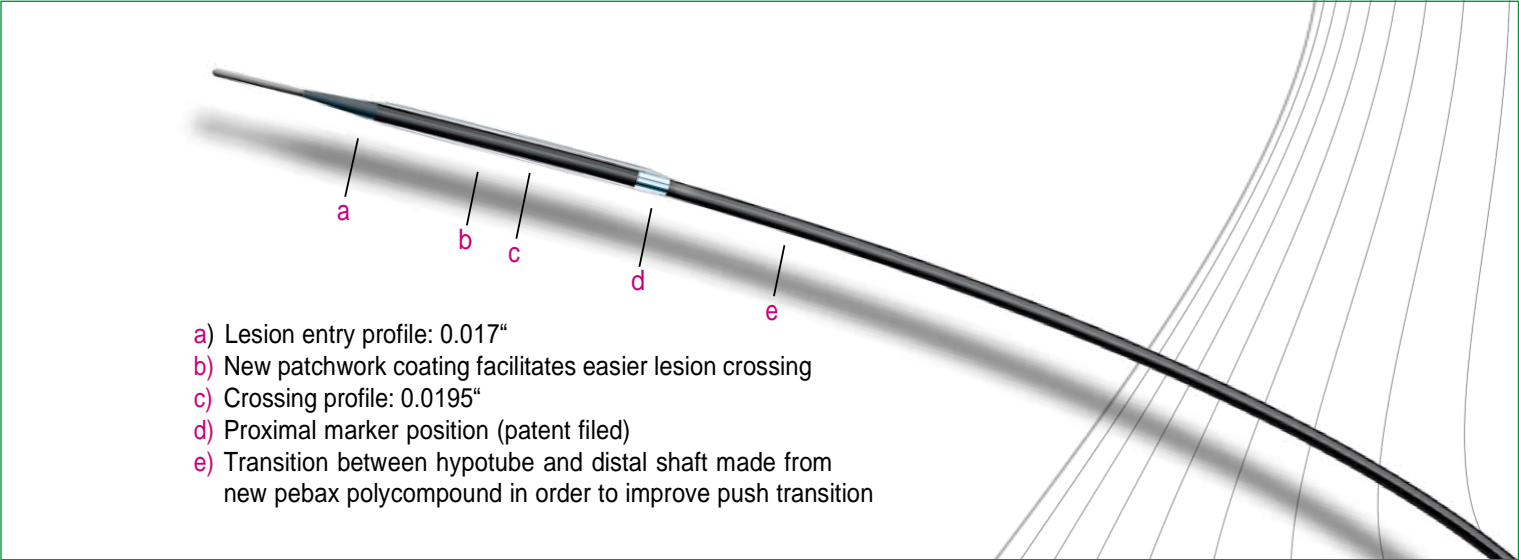
SIS  MEDICAL
Swiss | Interventional | Systems

“Whatever we claim to have –
only your own experience with our products will convince you.”

NIC Nano® 0.85 CTO-Balloons

For your most challenging cases

- Available in RX and OTW version
- OTW version with 160 cm usable length
- High rated burst pressure: 23 atm (bar)
- Low compliant: 0.85 mm at nominal pressure
1.00 mm at 23 atm



Products	Page
• NIC Nano® 0.85 CTO-Balloons	3
• NIC 1.1® ULP CTO-Balloons	4
• TIN® – High Performance PTCA Balloons	5
• BEO NC® Low Profile High Pressure PTCA Balloons	6-7
• OPN NC® High Pressure PTCA Balloons	8

SIS MEDICAL AG
Hofackerstrasse 15 | CH-8409 Winterthur
Tel. +41 (0)52 245 09 90 | Fax +41 (0)52 245 09 91
info@sis-medical.com | www.sis-medical.com

“Setting a new landmark in PTCA Balloon Technology.”

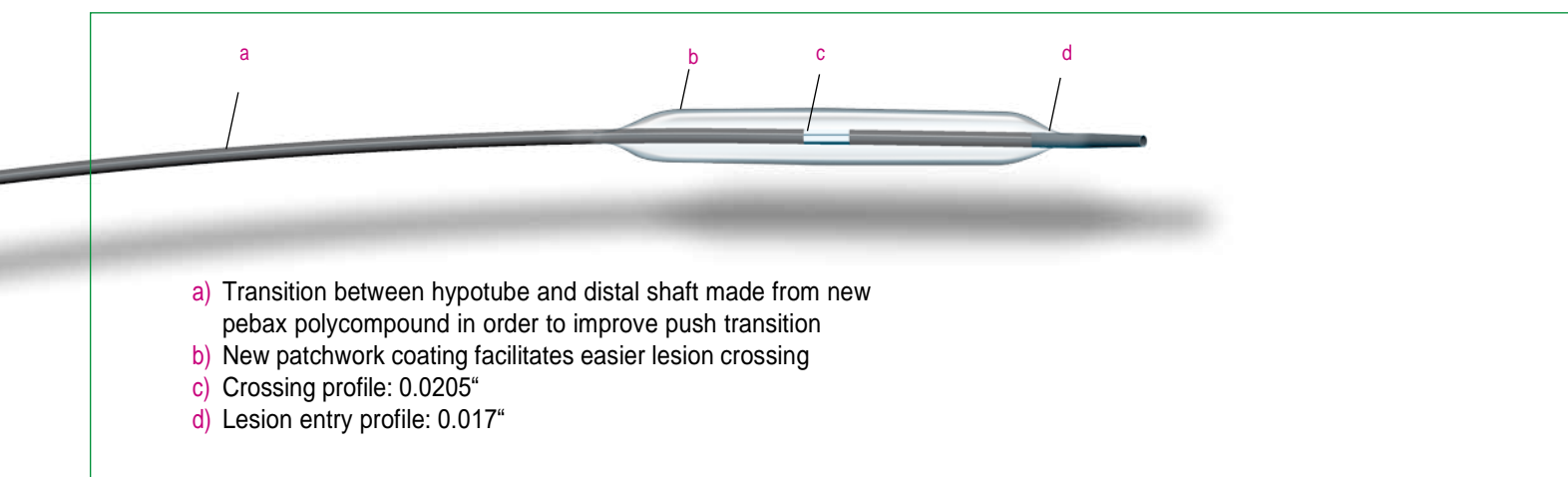
Ordering Information
NIC Nano® 0.85 CTO-Balloons

Article Number	Balloon Diameter	Length	RBP	Marker	Min. Guiding	RX / OTW
085-010-005	0.85 mm	10 mm	23 bar	1 prox.	5F	RX
085-015-005	0.85 mm	15 mm	23 bar	1 prox.	5F	RX
085-010-034	0.85 mm	10 mm	23 bar	1 prox.	5F	OTW
085-015-034	0.85 mm	15 mm	23 bar	1 prox.	5F	OTW

NIC 1.1® ULP CTO-Balloons

For subtotal and total occlusions

- Available in RX and OTW version
- OTW version with 160 cm usable length
- Ultra low profile to access even more challenging CTOs
- 18 bar rated burst pressure (RBP)
- Unique tapered tip
- 1 single central marker



"A real added value to your interventional armentarium."

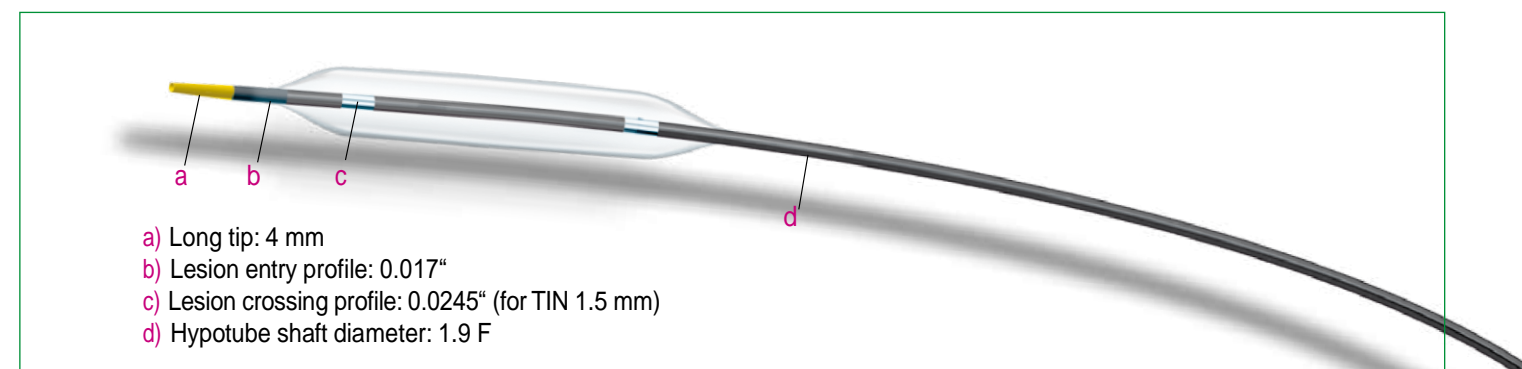
Ordering Information
NIC 1.1® ULP CTO-Balloons

Article Number	Balloon Diameter	Length	RBP	Min. Guiding	RX / OTW
110-010-005	1.1 mm	10 mm	18 bar	5F	RX
110-012-005	1.1 mm	12 mm	18 bar	5F	RX
110-015-005	1.1 mm	15 mm	18 bar	5F	RX
110-017-005	1.1 mm	17 mm	18 bar	5F	RX
110-020-005	1.1 mm	20 mm	18 bar	5F	RX
110-022-005	1.1 mm	22 mm	18 bar	5F	RX
110-010-034	1.1 mm	10 mm	18 bar	5F	OTW
110-012-034	1.1 mm	12 mm	18 bar	5F	OTW
110-015-034	1.1 mm	15 mm	18 bar	5F	OTW
110-017-034	1.1 mm	17 mm	18 bar	5F	OTW
110-020-034	1.1 mm	20 mm	18 bar	5F	OTW
110-022-034	1.1 mm	22 mm	18 bar	5F	OTW

TIN® – High Performance PTCA Balloons

On the move to set new standards in PTCA balloon technology

- Long tip (4 mm) and low profile for easy lesion crossing
- 20 bar rated burst pressure (RBP)
- Low compliant
- Excellent trackability
- Improved recrossing and second lesion treatment due to new shaft welding technique



"Supporting you with safety and high performance in your daily work."

Ordering Information
TIN® – High Performance PTCA Balloons (RX)

Article Number	Balloon Diameter	Length	RBP	Min. Guiding	Article Number	Balloon Diameter	Length	RBP	Min. Guiding
150-010-005	1.5 mm	10 mm	20 bar	5F	300-017-005	3.0 mm	17 mm	20 bar	5F
150-012-005	1.5 mm	12 mm	20 bar	5F	300-020-005	3.0 mm	20 mm	20 bar	5F
150-015-005	1.5 mm	15 mm	20 bar	5F	300-022-005	3.0 mm	22 mm	20 bar	5F
150-017-005	1.5 mm	17 mm	20 bar	5F	350-010-005	3.5 mm	10 mm	20 bar	5F
150-020-005	1.5 mm	20 mm	20 bar	5F	350-012-005	3.5 mm	12 mm	20 bar	5F
150-022-005	1.5 mm	22 mm	20 bar	5F	350-015-005	3.5 mm	15 mm	20 bar	5F
200-010-005	2.0 mm	10 mm	20 bar	5F	350-017-005	3.5 mm	17 mm	20 bar	5F
200-012-005	2.0 mm	12 mm	20 bar	5F	350-020-005	3.5 mm	20 mm	20 bar	5F
200-015-005	2.0 mm	15 mm	20 bar	5F	350-022-005	3.5 mm	22 mm	20 bar	5F
200-017-005	2.0 mm	17 mm	20 bar	5F	400-010-005	4.0 mm	10 mm	20 bar	5F
200-020-005	2.0 mm	20 mm	20 bar	5F	400-012-005	4.0 mm	12 mm	20 bar	5F
200-022-005	2.0 mm	22 mm	20 bar	5F	400-015-005	4.0 mm	15 mm	20 bar	5F
250-010-005	2.5 mm	10 mm	20 bar	5F	400-017-005	4.0 mm	17 mm	20 bar	5F
250-012-005	2.5 mm	12 mm	20 bar	5F	400-020-005	4.0 mm	20 mm	20 bar	5F
250-015-005	2.5 mm	15 mm	20 bar	5F	400-022-005	4.0 mm	22 mm	20 bar	5F
250-017-005	2.5 mm	17 mm	20 bar	5F	450-010-005	4.5 mm	10 mm	20 bar	5F
250-020-005	2.5 mm	20 mm	20 bar	5F	450-012-005	4.5 mm	12 mm	20 bar	5F
250-022-005	2.5 mm	22 mm	20 bar	5F	450-015-005	4.5 mm	15 mm	20 bar	5F
300-010-005	3.0 mm	10 mm	20 bar	5F	450-017-005	4.5 mm	17 mm	20 bar	5F
300-012-005	3.0 mm	12 mm	20 bar	5F	450-020-005	4.5 mm	20 mm	20 bar	5F
300-015-005	3.0 mm	15 mm	20 bar	5F	450-022-005	4.5 mm	22 mm	20 bar	5F



BEO NC® Low Profile High Pressure PTCA Balloons

Combining excellent trackability and safety

- Available in RX and OTW version
 - OTW version with 160 cm usable length
 - High Rated Burst Pressure (RBP): 24 bar
- Excellent lesion crossing profile
 - Unique two-step tip: gradual tip flexibility
 - Non compliant

“Meeting your needs and reducing your stock by providing one balloon for pre- and post-dilation!”

Indications:

- Excellent profile for predilation of even most complex lesions
- Postdilation of stents with the pressure you need

Advantages:

- Excellent lesion crossing profile
- Novel two-step distal tip technology providing excellent lesion entry access and lesion crossing as well as improved recrossing of stent struts for side branch access.

Ordering Information
BEO NC® Low Profile High Pressure PTCA Balloons

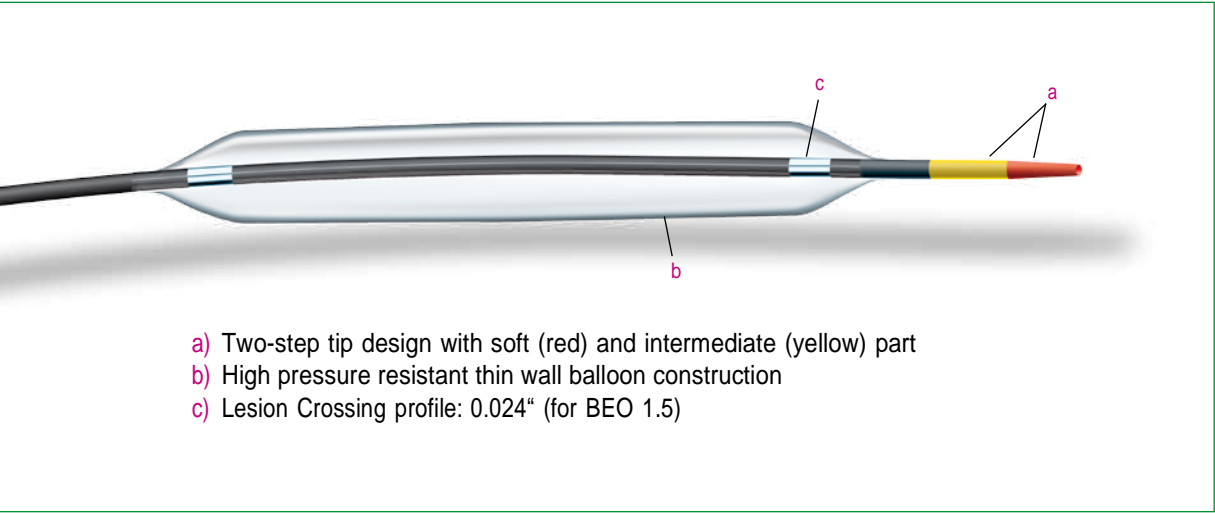
Article Number	Balloon Diameter	Length	RBP	Min. Guiding	RX / OTW
150-012-034	1.5 mm	12 mm	24 bar	5F	RX
150-017-034	1.5 mm	17 mm	24 bar	5F	RX
150-022-034	1.5 mm	22 mm	24 bar	5F	RX
150-010-034	1.5 mm	10 mm	24 bar	5F	OTW
150-015-034	1.5 mm	15 mm	24 bar	5F	OTW
150-020-034	1.5 mm	20 mm	24 bar	5F	OTW

Ordering Information
BEO NC® Low Profile High Pressure PTCA Balloons (RX: 2.0-4.5 mm)

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
200-010-034	2.0 mm	10 mm	24 bar	5F
200-012-034	2.0 mm	12 mm	24 bar	5F
200-015-034	2.0 mm	15 mm	24 bar	5F
200-017-034	2.0 mm	17 mm	24 bar	5F
200-020-034	2.0 mm	20 mm	24 bar	5F
200-022-034	2.0 mm	22 mm	24 bar	5F
200-025-034	2.0 mm	25 mm	24 bar	5F
200-030-034	2.0 mm	30 mm	24 bar	5F
250-010-034	2.5 mm	10 mm	24 bar	5F
250-012-034	2.5 mm	12 mm	24 bar	5F
250-015-034	2.5 mm	15 mm	24 bar	5F
250-017-034	2.5 mm	17 mm	24 bar	5F
250-020-034	2.5 mm	20 mm	24 bar	5F
250-022-034	2.5 mm	22 mm	24 bar	5F
250-025-034	2.5 mm	25 mm	24 bar	5F
250-030-034	2.5 mm	30 mm	24 bar	5F

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
300-010-034	3.0 mm	10 mm	24 bar	5F
300-012-034	3.0 mm	12 mm	24 bar	5F
300-015-034	3.0 mm	15 mm	24 bar	5F
300-017-034	3.0 mm	17 mm	24 bar	5F
300-020-034	3.0 mm	20 mm	24 bar	5F
300-022-034	3.0 mm	22 mm	24 bar	5F
300-025-034	3.0 mm	25 mm	24 bar	5F
300-030-034	3.0 mm	30 mm	24 bar	5F
350-010-034	3.5 mm	10 mm	24 bar	5F
350-012-034	3.5 mm	12 mm	24 bar	5F
350-015-034	3.5 mm	15 mm	24 bar	5F
350-017-034	3.5 mm	17 mm	24 bar	5F
350-020-034	3.5 mm	20 mm	24 bar	5F
350-022-034	3.5 mm	22 mm	24 bar	5F
350-025-034	3.5 mm	25 mm	24 bar	5F
350-030-034	3.5 mm	30 mm	24 bar	5F

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
400-010-034	4.0 mm	10 mm	24 bar	5F
400-012-034	4.0 mm	12 mm	24 bar	5F
400-015-034	4.0 mm	15 mm	24 bar	5F
400-017-034	4.0 mm	17 mm	24 bar	5F
400-020-034	4.0 mm	20 mm	24 bar	5F
400-022-034	4.0 mm	22 mm	24 bar	5F
400-025-034	4.0 mm	25 mm	24 bar	5F
400-030-034	4.0 mm	30 mm	24 bar	5F
450-010-034	4.5 mm	10 mm	24 bar	5F
450-012-034	4.5 mm	12 mm	24 bar	5F
450-015-034	4.5 mm	15 mm	24 bar	5F
450-017-034	4.5 mm	17 mm	24 bar	5F
450-020-034	4.5 mm	20 mm	24 bar	5F
450-022-034	4.5 mm	22 mm	24 bar	5F
450-025-034	4.5 mm	25 mm	24 bar	5F
450-030-034	4.5 mm	30 mm	24 bar	5F



- a) Two-step tip design with soft (red) and intermediate (yellow) part
- b) High pressure resistant thin wall balloon construction
- c) Lesion Crossing profile: 0.024" (for BEO 1.5)



OPN NC[®] High Pressure PTCA Balloons

Highest rated burst pressure of 35 bar

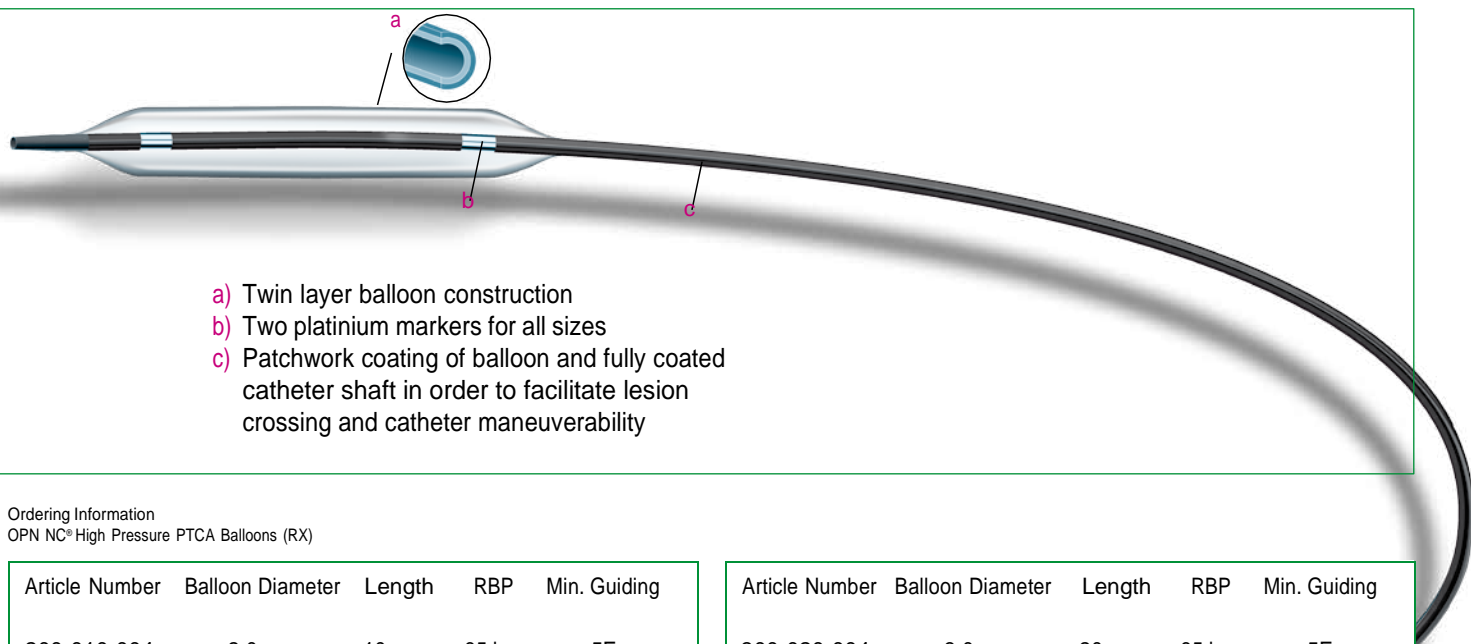
Indications:

- For treating calcified lesions
- For post dilation of stents

nesusidaro balionėlio įsmauka,
plečiant labai kalcifikuotus
susiaurėjimus bet kuriuo
slėgiu;

Advantages:

- Highest pressure resistance: 35 bar
- Unmet performance in highly calcified lesions
- Twin layer balloon technology (patent filed)
- No dog-boning due to double balloon design which ensures uniform balloon diameter at any pressure



- a) Twin layer balloon construction
b) Two platinum markers for all sizes
c) Patchwork coating of balloon and fully coated catheter shaft in order to facilitate lesion crossing and catheter maneuverability

Ordering Information
OPN NC[®] High Pressure PTCA Balloons (RX)

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
200-010-004	2.0 mm	10 mm	35 bar	5F
200-015-004	2.0 mm	15 mm	35 bar	5F
200-020-004	2.0 mm	20 mm	35 bar	5F
250-010-004	2.5 mm	10 mm	35 bar	5F
250-015-004	2.5 mm	15 mm	35 bar	5F
250-020-004	2.5 mm	20 mm	35 bar	5F
300-010-004	3.0 mm	10 mm	35 bar	5F
300-015-004	3.0 mm	15 mm	35 bar	5F

Article Number	Balloon Diameter	Length	RBP	Min. Guiding
300-020-004	3.0 mm	20 mm	35 bar	5F
350-010-004	3.5 mm	10 mm	35 bar	5F
350-015-004	3.5 mm	15 mm	35 bar	5F
350-020-004	3.5 mm	20 mm	35 bar	5F
400-010-004	4.0 mm	10 mm	35 bar	5F
400-015-004	4.0 mm	15 mm	35 bar	5F
400-020-004	4.0 mm	20 mm	35 bar	5F

SIS MEDICAL
Swiss | Interventional | Systems

Copyright © by SIS Medical AG.
Currently not available for sale in USA.
Subject to alteration due to technical advances.
All rights reserved.
All products are developed and produced by
Schwager Medica, Switzerland.

SIS MEDICAL AG

Hofackerstrasse 15 | CH-8409 Winterthur
Tel. +41 (0)52 245 09 90 | Fax +41 (0)52 245 09 91
info@sis-medical.com | www.sis-medical.com