



# PRO-Kinetic Energy

Cobalt Chromium Coronary Stent System

Indicated for discrete de-novo stenotic lesions  
and in-stent restenotic lesions



- 60  $\mu\text{m}$  thin struts<sup>1</sup> for better clinically proven results<sup>2</sup>
- Highly flexible double helix stent design for optimal deliverability and vessel conformability
- **proBIO** coating for enhanced biocompatibility<sup>3</sup>
- Proven Orsiro / PK Papyrus stent design provides exceptional deliverability

<sup>1</sup> 2.0 - 3.0 mm stents

<sup>2</sup> ISAR STEREO I & II; (I) Kastrati et al. 2001. Circulation. 103(23): 2816-21.;  
(II) Pache et al. 2003. J Am Coll Cardiol. 41(8): 1283-8.

<sup>3</sup> Rzany A, Schaldach M. 2001. Progress in Biomedical Research 2001 May: 182-194.

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## Cobalt Chromium Coronary Stent System

Technical Data		Stent
Stent material		Cobalt chromium, L-605
Passive coating		<b>proBIO</b> (Amorphous Silicon Carbide) coating
Strut thickness		ø 2.0 - 3.0 mm: 60 µm (0.0024"); ø 3.5 - 4.0 mm: 80 µm (0.0031"); ø 4.5 - 5.0 mm: 120 µm (0.0047")
		Delivery system
Catheter type		Rapid exchange
Recommended guide catheter		5F (min. I.D. 0.056")
Lesion entry profile		0.017"
Guide wire diameter		0.014"
Usable catheter length		140 cm
Balloon material		Semi Crystalline Co-Polymer material
Coating (distal shaft)		Hydrophilic coating
Marker bands		Two swaged platinum-iridium markers
Proximal shaft diameter		2.0F
Distal shaft diameter		2.5F: ø 2.0 - 3.5 mm; 2.8F: ø 4.0 - 5.0 mm
Nominal pressure (NP)		9 atm
Rate burst pressure (RBP)		16 atm (2.0 - 4.0 mm); 14 atm (4.5 - 5.0 mm)

Compliance Chart		Balloon diameter x length (mm)								
		ø 2.0 x 9-20	ø 2.25 x 9-20	ø 2.5 x 9-22	ø 2.75 x 9-30	ø 3.0 x 9-30	ø 3.5 x 9-40	ø 4.0 x 9-40	ø 4.5 x 13-40 <sup>6</sup>	ø 5.0 x 13-40 <sup>6</sup>
Nominal Pressure (NP)	atm <sup>1</sup>	9	9	9	9	9	9	9	9	9
	ø (mm)	2.00	2.25	2.50	2.75	3.00	3.50	4.00	4.50	5.00
Rated Burst Pressure (RBP)	atm <sup>1</sup>	16	16	16	16	16	16	16	14	14
	ø (mm)	2.33	2.59	2.83	3.12	3.42	4.07	4.65	5.11	5.63

<sup>1</sup> 1 atm = 1.013 bar  
<sup>6</sup> 22 mm, 35 mm stents lengths not available

Ordering Information	Stent ø (mm)	Catheter length 140 cm Stent length (mm)									
		9	13	15	18	20	22	26	30	35	40
	<b>2.00<sup>7</sup></b>	360490	360497	360506	360515	360524	-	-	-	-	-
	<b>2.25</b>	360491	360498	360507	360516	360525	-	-	-	-	-
	<b>2.50</b>	360492	360499	360508	360517	360526	360533	-	-	-	-
	<b>2.75</b>	360493	360500	360509	360518	360527	360534	360538	360544	-	-
	<b>3.00</b>	360494	360501	360510	360519	360528	360535	360539	360545	-	-
	<b>3.50</b>	360495	360502	360511	360520	360529	360536	360540	360546	360550	360552
	<b>4.00</b>	360496	360503	360512	360521	360530	360537	360541	360547	360551	360553
	<b>4.50</b>	-	360504	360513	360522	360531	-	360542	360548	-	360554
	<b>5.00</b>	-	360505	360514	360523	360532	-	360543	360549	-	360555

<sup>7</sup> Size not licensed for sale in Canada

PRO-Kinetic Energy is part of the BIOTRONIK coronary solutions portfolio, including:

- Stents: **Orsiro, PK Papyrus** ■ Balloons: **Pantera Lux, Pantera LEO, Pantera, AngioSculpt**
- Guide Wires: **Galeo Pro, Cruiser, Magnum**

For ordering please contact your  
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