

DynamX® Coronary Bioadaptor System TECHNICAL SPECIFICATIONS

Bioadaptor Implant			
Strut Material	Cobalt Chromium, L-605		
Strut Thickness*	71 µm		
Drug and Drug Dose	Novolimus, a Sirolimus analogue - 5 µg / mm		
Polymer	Base Coat - PLLA-based Bioresorbable Polymer (~ 6 µm) Top Coat - PLGA Bioresorbable Polymer (~ 3 µm)		
Crossing Profile**	0.040", 1.02 mm		
Post dilatation limit	Stent Diameter	Post-dilatation Limit per IFU	Bench Testing Limit
	2.25 mm	2.75 mm	4.0 mm
	2.5 mm	3.0 mm	4.0 mm
	2.75 mm	3.25 mm	4.0 mm
	3.0 mm	3.5 mm	4.0 mm
	3.5 mm	4.0 mm	4.5 mm
	4.0 mm	4.5 mm	4.5 mm
Delivery System			
Balloon Material	Nylon Copolymer		
Working Catheter Length	140 cm		
Tip Entry Profile	0.017", 0.43 mm		
Marker Bands	Platinum Iridium, swaged		
Catheter Shaft Diameter	Distal Outer Shaft OD 2.7F / 0.89 mm Intermediate Shaft OD 2.5F / 0.85 mm Proximal Hypotube OD 1.95F / 0.65 mm		
Nominal Pressure	10 atm for 2.5, 3.0, 3.5 mm diameters 11 atm for 2.25, 2.75, 4.0 mm diameters		
Rated Burst Pressure	16 atm for 2.25 – 3.5 mm diameters 14 atm for 4.0 mm diameter		
Guide Wire Compatibility	0.014", 0.36 mm		
Guiding Catheter Compatibility	5F (min I.D. 0.058", 1.47 mm)		

* DynamX Bioadaptor diameters 2.25 mm – 3.0 mm

** DynamX Bioadaptor 2.5 mm diameter

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COMPLIANCE CHART

PRESSURE	2.25 mm	2.5 mm	2.75 mm	3.0 mm	3.5 mm	4.0 mm
6 ATM	n/a	2.22	2.39	2.77	3.19	3.60
7 ATM	2.05	2.30	2.47	2.85	3.27	3.71
8 ATM	2.11	2.37	2.54	2.92	3.35	3.80
9 ATM	2.17	2.43	2.61	2.98	3.41	3.89
10 ATM	2.22	2.48 [nom]	2.67	3.03 [nom]	3.47 [nom]	3.96
11 ATM	2.26 [nom]	2.52	2.73 [nom]	3.07	3.52	4.02 [nom]
12 ATM	2.31	2.56	2.78	3.11	3.57	4.08
13 ATM	2.34	2.60	2.82	3.15	3.61	4.13
14 ATM	2.38	2.64	2.86	3.19	3.65	4.18 [RBP]
15 ATM	2.42	2.67	2.90	3.23	3.69	4.22
16 ATM	2.46 [RBP]	2.70 [RBP]	2.94 [RBP]	3.26 [RBP]	3.72 [RBP]	4.27
17 ATM	2.49	2.74	2.98	3.30	3.76	n/a
18 ATM	2.53	2.77	3.01	3.34	3.79	n/a

Compliance for Bioadaptor lengths 14 mm – 38 mm
Not all sizes available in all geographies

Elixir Medical Corporate Headquarters
920 N. McCarthy Blvd, Milpitas, CA 95035 USA
+1.408.636.2000
info@elixirmedical.com

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DynamX® Sirolimus Eluting Coronary Bioadaptor System PRODUCT ORDERING INFORMATION

Bioadaptor Length									
Bioadaptor Diameter	14mm	18mm	23mm	28mm	32mm	38mm	43 mm	46mm	48mm
2.0mm	VIR2014	VIR2018	VIR2023	VIR2028	VIR2032	VIR2038	VIR2043	VIR2046	VIR2048
2.25mm	VIR2214	VIR2218	VIR2223	VIR2228	VIR2232	VIR2238	VIR2243	VIR2246	VIR2248
2.5mm	VIR2514	VIR2518	VIR2523	VIR2528	VIR2532	VIR2538	VIR2543	VIR2546	VIR2548
2.75mm	VIR2714	VIR2718	VIR2723	VIR2728	VIR2732	VIR2738	VIR2743	VIR2746	VIR2748
3.0mm	VIR3014	VIR3018	VIR3023	VIR3028	VIR3032	VIR3038	VIR3043	VIR3046	VIR3048
3.5mm	VIR3514	VIR3518	VIR3523	VIR3528	VIR3532	VIR3538	VIR3543	VIR3546	VIR3548
4.0mm	VIR4015*	VIR4018	VIR4023	VIR4028	VIR4032	VIR4038	VIR4041*	--	--

* 15 mm and 41 mm lengths available in 4.0 mm diameter only
Not all sizes available in all geographies.

FOR MORE INFORMATION OR TO ORDER THE DYNAMX BIOADAPTOR
Contact your local sales representative or email us at Sales@elixirmedical.com

Elixir Medical Corporate Headquarters
920 N. McCarthy Blvd, Milpitas, CA 95035 USA
+1.408.636.2000
info@elixirmedical.com

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