



CINATRA™

Cobalt Chromium Coronary Stent System

Technical Specifications

Stent	
Stent Material	L605, Cobalt Chromium
Structure Design	Laser-cut slotted tube with offset sinusoidal ring design combined with mid-point connector struts
Strut Thickness	70 μm
Strut Width	81 μm

Balloon Catheter	
Catheter Type	Rapid exchange balloon catheter for coronary angioplasty
Balloon Type	Semi-compliant
Balloon Material	Proprietary polyamide blend
Radiopaque Markers	2 platinum iridium markers embedded at the ends of the balloon

Dimensions	
Stent Diameter (8 ATM)	2.5, 2.75, 3.0, 3.5, 4.0 mm
Stent Lengths	8, 13, 16, 19, 25 mm
Stent Profile (3mm labeled balloon dia.)	0.90 mm / 0.035"
Guidewire Compatibility	0.014"
Minimum Guide Catheter	5 Fr (.056" ID / 1.42 mm ID)
Proximal Shaft Size	1.8 Fr
Distal Shaft Size	2.5 Fr (2.9 Fr for 4.0 Balloon Diameter)
Shaft Length	140 cm
Distal Shaft Length from Guidewire Exit	25 cm
Tip Length	3 mm

Balloon Compliance and Stent Characteristics	
Nominal Pressure	8 ATM
Rated Burst Pressure	16 ATM
	14 ATM (4.0 x 25 mm only)
Foreshortening	1%
Elastic Recoil	5%
Metallic Artery Ratio	14% (3.0 x 16 mm at nominal pressure)

Others	
Shelf Life	3 years
Sterilization Method	Ethylene oxide
Use	Single use only
MRI	The Cinatra™ Coronary Stent has been shown through non-clinical testing to be MRI safe immediately following implantation at field strengths of up to 3.0 Tesla. (Refer to IFU)



ATRIUM MEDICAL CORPORATION
5 Wentworth Drive
Hudson, New Hampshire 03051 U.S.A.
☎ 603-880-1433 📠 603-880-6718

ATRIUM EUROPE B.V.
Remdementsweg 20 B
3641 SL Mijdrecht, The Netherlands
☎ +31-297-230-420 📠 +31-297-282-653

ATRIUM AUSTRALIA-PACIFIC RIM PTY. LTD.
Level 6, 579 Harris Street
Ultimo NSW 2007 Australia
☎ +61 2 8272 3100 📠 +61 2 8272 3199





CINATRA™

Cobalt Chromium Coronary Stent System

INFLATION PRESSURE RECOMMENDATION FOR CINATRA™ STENT

Inflation Pressure (ATM)	STENT DIAMETER				
	2.5 mm	2.75 mm	3.0 mm	3.5 mm	4.0 mm
6	2.43	2.66	2.91	3.41	3.89
7	2.47	2.70	2.96	3.45	3.94
8	2.50	2.75	3.00	3.50	4.00
9	2.53	2.79	3.04	3.55	4.06
10	2.57	2.83	3.09	3.59	4.11
11	2.60	2.87	3.13	3.64	4.17
12	2.64	2.91	3.17	3.69	4.23
13	2.67	2.95	3.21	3.74	4.29
14	2.71	3.00	3.26	3.78	4.34
15	2.74	3.04	3.30	3.83	4.40
16	2.78	3.08	3.34	3.88	4.46
17	2.81	3.12	3.39	3.92	4.52
18	2.84	3.16	3.43	3.97	4.57

← Nominal Pressure (row 8)

← RBP 4.0 X 25mm (row 14)

→ Rated Burst Pressure (row 16)

Legend:
 Nominal Pressure
 Rated Burst Pressure
 Indicates above Rated Burst Pressure

Code No.	Stent Length	Balloon Diameter	Balloon Length	Crossing Profile
90012	8 mm	2.50 mm	9 mm	0.83 mm / 0.033"
90013	8 mm	2.75 mm	9 mm	0.87 mm / 0.034"
90014	8 mm	3.00 mm	9 mm	0.90 mm / 0.035"
90015	8 mm	3.50 mm	9 mm	1.02 mm / 0.040"
90016	8 mm	4.00 mm	9 mm	1.10 mm / 0.043"
90021	13 mm	2.50 mm	14 mm	0.83 mm / 0.033"
90022	13 mm	2.75 mm	14 mm	0.87 mm / 0.034"
90023	13 mm	3.00 mm	14 mm	0.90 mm / 0.035"
90024	13 mm	3.50 mm	14 mm	1.02 mm / 0.040"
90025	13 mm	4.00 mm	14 mm	1.10 mm / 0.043"
90030	16 mm	2.50 mm	17 mm	0.83 mm / 0.033"
90031	16 mm	2.75 mm	17 mm	0.87 mm / 0.034"
90032	16 mm	3.00 mm	17 mm	0.90 mm / 0.035"
90033	16 mm	3.50 mm	17 mm	1.02 mm / 0.040"
90034	16 mm	4.00 mm	17 mm	1.10 mm / 0.043"
90039	19 mm	2.50 mm	20 mm	0.83 mm / 0.033"
90040	19 mm	2.75 mm	20 mm	0.87 mm / 0.034"
90041	19 mm	3.00 mm	20 mm	0.90 mm / 0.035"
90042	19 mm	3.50 mm	20 mm	1.02 mm / 0.040"
90043	19 mm	4.00 mm	20 mm	1.10 mm / 0.043"
90048	25 mm	2.50 mm	26 mm	0.83 mm / 0.033"
90049	25 mm	2.75 mm	26 mm	0.87 mm / 0.034"
90050	25 mm	3.00 mm	26 mm	0.90 mm / 0.035"
90051	25 mm	3.50 mm	26 mm	1.02 mm / 0.040"
90052	25 mm	4.00 mm	26 mm	1.10 mm / 0.043"