



Microcatheter Dead Space

The below table references dead space volume for commonly used microcatheters.

Company	Microcatheter	French Size	Length (cm)	Dead Space (ml)
Boston Scientific	Renegade™ HI-FLO™	2.8 F	105	0.53 ¹
Boston Scientific	Renegade™ HI-FLO™	2.8 F	115	0.57 ¹
Boston Scientific	Renegade™ HI-FLO™	2.8 F	135	0.64 ¹
Boston Scientific	Renegade™ HI-FLO™	2.8 F	150	0.69 ¹
Boston Scientific	Direxion HI-FLO™	2.8 F	105	0.55 ²
Boston Scientific	Direxion HI-FLO™	2.8 F	130	0.64 ²
Boston Scientific	Direxion HI-FLO™	2.8 F	155	0.73 ²
Cook	Cantata™	2.8 F	100	0.54 ³
Cook	Cantata™	2.8 F	110	0.57 ³
Cook	Cantata™	2.8 F	135	0.65 ³
Cook	Cantata™	2.8 F	150	0.70 ³
Cook	Cantata™	2.9 F	110	0.63 ³
Cook	Cantata™	2.9 F	135	0.72 ³
Cook	Cantata™	2.9 F	150	0.77 ³
EmbolX	Soldier™	2.5 F	130	0.54 ⁴
EmbolX	Soldier™	2.5 F	155	0.63 ⁴
Guerbet	DraKon™	2.7 F	105	0.56 ⁵
Guerbet	DraKon™	2.7 F	130	0.64 ⁵
Guerbet	DraKon™	2.7 F	150	0.70 ⁵
Guerbet	DraKon™	2.8 F	105	0.62 ⁵
Guerbet	DraKon™	2.8 F	130	0.71 ⁵
Guerbet	DraKon™	2.8 F	150	0.78 ⁵
Guerbet	DraKon™	3.0 F	105	0.74 ⁵
Guerbet	DraKon™	3.0 F	130	0.85 ⁵
Guerbet	DraKon™	3.0 F	155	0.95 ⁵

Company	Microcatheter	French Size	Length (cm)	Dead Space (ml)
Merit	Maestro™	2.8 F	110	0.63 ⁶
Merit	Maestro™	2.8 F	130	0.70 ⁶
Merit	Maestro™	2.8 F	150	0.77 ⁶
Merit	Maestro™	2.9 F	110	0.69 ⁶
Merit	Maestro™	2.9 F	130	0.77 ⁶
Merit	Maestro™	2.9 F	150	0.85 ⁶
Penumbra	Lantern™	2.6 F	115	0.53 ⁷
Penumbra	Lantern™	2.6 F	135	0.59 ⁷
Penumbra	Lantern™	2.6 F	150	0.64 ⁷
Terumo	Progreat™	2.7 F	100	0.44 ⁸
Terumo	Progreat™	2.7 F	110	0.46 ⁸
Terumo	Progreat™	2.7 F	130	0.53 ⁸
Terumo	Progreat™	2.7 F	150	0.59 ⁸
Terumo	Progreat™	2.8 F	100	0.48 ⁸
Terumo	Progreat™	2.8 F	110	0.53 ⁸
Terumo	Progreat™	2.8 F	130	0.59 ⁸
Terumo	Progreat™	2.8 F	150	0.66 ⁸



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1. Product specifications available in Renegade IFU
2. Product specifications available in Direxion IFU
3. Product specifications available in Cantata webpage: https://www.cookmedical.com/products/di_mcs_webds/
4. Product specifications available in Soldier IFU webpage: <https://embolx.com/soldier-product-page/>
5. Product specifications available in DraKon IFU webpage: <https://www.guerbet.com/media/tvgf0dpa/gu07210116-sales-sheet-drakon-2021.pdf>
6. Product specifications available in Maestro IFU resource: <https://www.merit.com/wp-content/uploads/2018/10/Merit-Maestro%C2%AE-Microcatheter-IFU.pdf>
7. Product specifications available in Lantern webpage: https://www.penumbrainc.com/wp-content/uploads/2016/12/9922B_LANTERN_Brochure_USA.pdf
8. Product specifications available in Progreat IFU, PM-07775, 2023