





Competitive Product Specification Comparison

CARESITE Micro™ Luer Access Device

	CARESITE Micro	MicroClave® Clear	InVision-Plus®	One-Link®
+ Differentiator				
Product Number:	415400	MC100	RYM-5001CL	7N8399
Manufacturer:	B. Braun Medical Inc.	ICU Medical Inc.	RyMed Technologies Inc.	Baxter Healthcare Corp.
Not made with BPA:	Yes ² +	No ⁴	No ¹³	No ¹⁶
Made with Drug Resistant Material:	Yes ² +	No ⁴	No ¹³	No ¹⁶
Not made with DEHP, PVC, or Natural Rubber Latex:	Yes ²	Yes ⁶	Yes ¹³	Yes ¹⁴
Not made with Metal Components:	Yes ³	Yes ⁶	Yes ⁹	Yes ¹⁵
Fluid Path:	Straight Fluid Path ²	Straight Fluid Path ⁴	Straight Fluid Path ⁸	Straight Fluid Path ¹⁵
Fluid Displacement (neutral):	-0.006 mL ²	-0.005 mL ⁴	+0.002 ¹¹	Published as neutral ¹⁴
Power Injection and Max Flow Rate:	400 psi or 10 mL/sec ²	400 psi or 10 mL/sec ⁵	325 psi or 10 mL/sec ⁹	325 psi or 10 mL/sec ¹⁴
Priming/Residual Volume:	0.04 mL ²	0.04 mL ⁴	0.03 mL ⁸	0.08 mL ¹⁴
Insertion Force:	1.58 lbf ¹ +	2.14 lbf ¹	3.01 lbf ¹⁷	Not published
Durability (# accesses tested):	750 accesses ²	700 accesses ⁵	Not published	200 accesses ¹⁵
Flow Rate at Gravity:	150 mL/min ²	156 mL/min ⁵	91.7 mL/min ⁸	109 mL/min ¹⁶
Flat Swabbing Surface:	Yes ²	Yes ⁴	Yes ⁸	Yes ¹⁵
Microbial Barrier (ingress):	Yes ²	Yes ⁷	Yes ¹⁰	Yes ¹⁵
Lipid and Blood Compatible:	Yes ²	Yes ⁶	Yes ¹²	Yes ¹⁵
IPA and CHG Compatible:	Yes ²	Yes ⁵	Yes ¹⁰	Yes ¹⁵
Measurements:	0.43" wide and 1.26" long	0.43" wide and 1.27" long ⁴	0.45" wide and 1.26" long ⁴	0.54" wide and 1.24" long ¹⁶

References

- 1 Drawing DWG-MD-2027540 / ETR GBOT-BZ9JZG – Insertion force
- 2 CARESITE Micro Product Specification Sheet / Eastman Tritan™ copolyester brochure
- 3 Risk Assessment SCAN-MD-2070750 / DWG-MD-2027540
- 4 MicroClave™ and InVision-Plus® Comparative Matrix
- 5 MicroClave™ Clear vs. NeutraClear® Needlefree Connector Performance Comparison
- 6 Reference Guide for MicroClave™ Clear Neutral Displacement Connector
- 7 MicroClave™ Neutral Displacement Connector Microbial Ingress Test
- 8 InVision-Plus® Clear Sales Sheet
- 9 InVision-Plus IFU
- 10 InVision-Plus Microbial Barrier Study
- 11 InVision Plus Fluid Displacement Study
- 12 InVision Plus Blood Compatibility Study
- 13 InVision-Plus Pre Market Notice
- 14 One-Link Product Specs
- 15 One-Link Pre Market Notice
- 16 MicroClave and One-Link Comparative
- 17 ETR GBOT-CUBLZ7 – Insertion force Rymed