Millipore®
Preparation, Separation,
Filtration & Monitoring Products

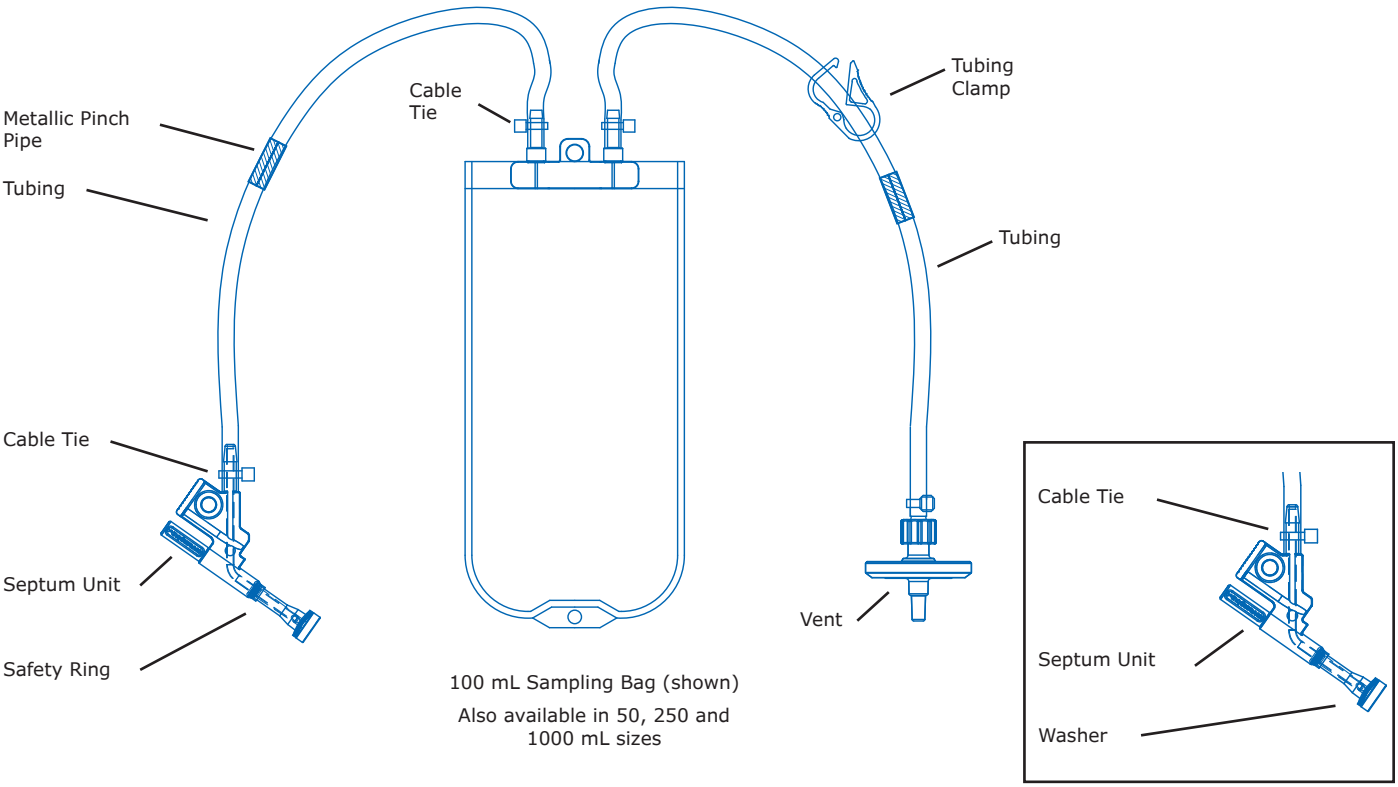
Specification Sheet

NovaSeptum® GO Autoclavable Vented Sampling Unit

Product Description

The NovaSeptum® GO autoclavable vented sampling unit is intended for applications where the unit can be connected to a vessel that needs to be sterilized by autoclave. This sampling unit is available with a 2 mm needle for sampling, and must be used with a NovaSeptum® GO holder. For single-use only, it is important to note that the needle may only penetrate the septum once to ensure proper sealing. A certificate of quality is available on our website.

NovaSeptum® GO Sampling Unit Configuration



100 mL Sampling Bag (shown)

Also available in 50, 250 and 1000 mL sizes

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Specifications

Materials of Construction	
Sampling Bag Fluid Contact Layer	Polypropylene film
Septum	Medical-grade platinum-cured silicone
Septum Body	2 mm blue polyester
Septum Cannula	ASTM® 316 L stainless steel
Tubing	Medical-grade platinum-cured silicone
Metallic Pinch Pipe	Nickel-plated brass
Male Luer Fitting, Female Luer Fitting	Polypropylene
Cable Tie	Nylon
Safety Ring and Washer	Stainless steel
Clamp	Polyethylene
Millex® Vent	Polypropylene/PVDF - 0.22 µm

Dimensions	
Volume	**Sampling Bag Dimensions, (length x width)**
50	150 x 80 mm
100	180 x 80 mm
250	245 x 80 mm
1000	310 x 140 mm

Environmental	
Maximum Bag Pressure Conditions*	Withstand 0.3 bar (4.35 psi) at 25°C (77°F)
Operating Temperature	-20°C to 125°C (-4°F to 257°F)
Traceability	The product and packaging label includes the catalogue and lot number as well as the expiration date.
Sterilization	Beta Irradiation (e-beam) minimum 25 kGy according to ISO-11137.
Autoclaving Guidelines	An autoclave not adjusted to the NovaSeptum® GO Sampling System may cause product failure. It is the responsibility of the end-user to validate the autoclave so that product failure does not occur. The critical part in the autoclave cycle is the drop down in vacuum. The vacuum causes an expansion of the sterile air inside the tubes, which will expand the bags. The air volume is approximately the same for all sampling systems, however, a unit with a larger bag volume gives greater expansion possibilities for the air inside, and therefore the effect will be more apparent in the smaller units. If the drop down into vacuum is made too fast this may cause problems such as blow-up of the sampling bag. The most critical cycle is the post-vacuum due to the higher chamber temperature, which enhances the expansion of the air. To avoid this: • A ramp of 600 mbarg/min into vacuum is recommended for both pre- and post-vacuum cycles. • A vaccum cycle below -930 mbarg is not recommended.
Component Material Toxicity	Component materials meet the criteria for Class VI testing based on USP <88> Biological Reactivity, in vivo.
Endotoxin Level	< 2.15 EU/device for all wetted components
Assembly	This product is manufactured in a clean room environment complying with class 8 according to ISO® 14644-1.
Packaging	Five sampling units are packaged in two sealed bags and then places in 4*5 units in a plastic bag for a total of 20 units in each bag. Two bags, containing a total of 20 units are placed in a cardboard box for a total of 40 sampling units per box.

*Do not fill the sampling unit with more than the maximum sample volume. Use the flow rates in the User Guide to determine when the sampling unit is filled.

Ordering Information

NovaSeptum® GO Autoclavable Sampling Unit				
Sample Volume (mL)	**Sampling Unit**	**Needle Size (mm)**	**Qty/pk**	**Cat. No.**
50	Single	2	40	**E221-00215**
100	Single	2	40	**E221-00216**
250	Single	2	40	**E221-C0243**
1000	Single	2	40	**E221-C0244**

To Place an Order or Receive Technical Assistance

Please visit
MerckMillipore.com/contactPS

For additional information, please visit
MerckMillipore.com

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