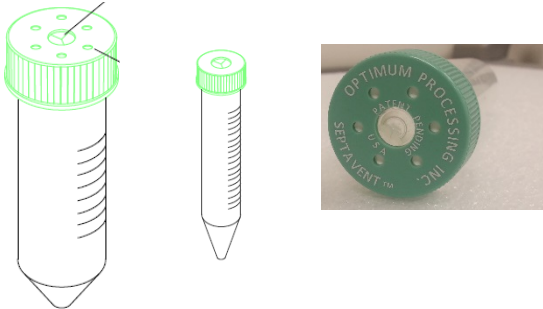
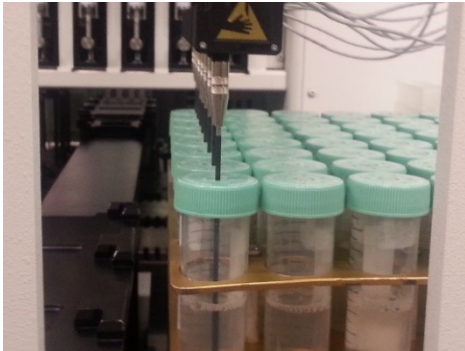


## SeptaVent

SINGLE-USE BIOREACTOR – MEDIA DEVELOPMENT, CELL CULTURE DEVELOPMENT, TRANSFECTIONS AND CLONE SELECTION



**Septum Allows Easy Syringe-less Access for adaptation to Robotic Automation HT**



### Description

SeptaVent is a novel integration of two common technologies into a single device. SeptaVent Spin-Tube allows easy access and small volume fluid handling while maintaining a sterile and uncompromised environment via septum and filter membrane technology. Various containers commonly used in the laboratory may be enhanced by integrating a septum and filter for venting into their cap. The septum facilitates the use of various syringes, pipettes or cannula for sterile extractions and additions. This unique approach which utilizes a non-slitted or pre-slitted septum allows for cost effective robotic automation. It works in conjunction with all custom and standard robotic liquid handling systems. SeptaVent can be added to most readily available containers commonly found in the lab i.e. Corning®, Nalgene or other manufacturer's disposable containers. \*intended for *In-Vitro* Use only.

Filter Type	0.2µm Hydro-Oleophobic
Septum	Medical Grade Silicone
Configurations	15ml or 50ml Centrifuge Tube Adaptable to any container
Materials	Cap: Polyethylene Tube: non protein binding Polypropylene
Sterilization	E-Beam at minimum 25 kGy Not Autoclavable
Capacity	15ml or 50ml (30ml working for cell culture)
Temperature range	-65°C to + 40°C

**Applications** - Mini-Production, HT Cell Culture Development, Sampling, Additions, Base Additions, Culture media optimization, Seeding, Transfers, Cell Banking, Stem Cells Separation, Transfections, Transduction, Whole Blood, Binding Experiments for Chromatography Media, Stem cells, Criminology, Contamination Control of Specimens, Follicles

### Procedure

Swab the surface of the septum with IPA and use a pipette, cannula or syringe to access the container. It is recommended that a laminar flow HEPA hood environment be used while accessing the septum.

### Automate

Use with a custom rack and automated liquid handling platform or robot to cost effectively eliminate costly screwing-unscrewing of caps while reducing contamination risk and unnecessary labor which leads to RMS (repetitive motion syndrome) and costly OSHA claims.

### Packaging

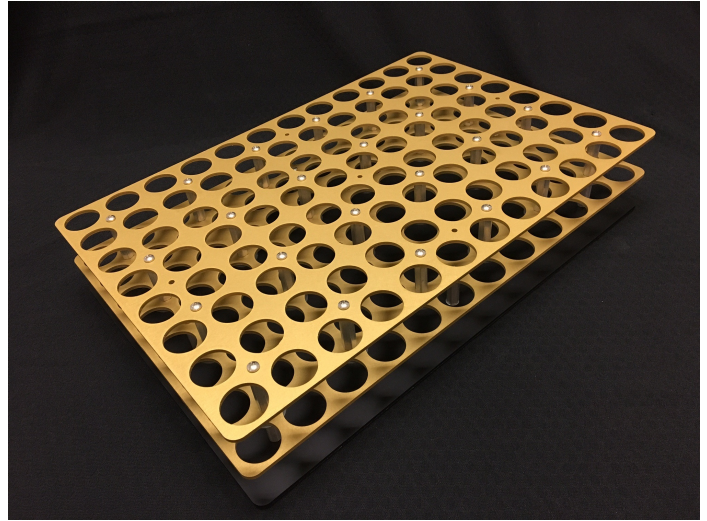
SeptaVent Spin-Tubes are packaged individually or in bulk, irradiated or non-irradiated.

### Features

- All SeptaVent products can be provided irradiated or non-irradiated. SeptaVent Caps available separately
- Enables maintenance of a “closed system” during sample manipulation.
- Hydro-Oleophobic vent filter resists wetting with water or low surface tension fluids.
- Suitable for low pressure, gravity feed or pump transfer of media and cells.
- Optional Filtered Luer available for SeptaVent 50 Plus which allows real time micro-fluidic additions during cell culture

### Ordering Information:

SeptaVent- 15	92-015-CNT-100-S-E	100
SeptaVent- 50	92-050-CNT-025-S-E	25
SeptaVent- 50 Plus	92-050-CNT-100-S-E-L	100



Custom 96 well Robotic Rack for 50ml SeptaVent Spin-Tubes.  
Fits Becton Dickenson, Hamilton, Tecan robots.  
In anodized aluminum and rubber centering mounts.



Above shows 125ml & 250ml Shakers w- SeptaVent

