



Spiros creates a mechanically and microbiologically closed system to protect healthcare workers from exposure to hazardous drugs while maintaining the integrity of the IV fluid container.

# Spiros CSTD male luer creates a needlefree system starting with preparation continuing through administration.



## For use with mixing

The Spiros creates a needlefree system for hazardous drug mixing.



### For use with an IV push

The Spiros on the end of a syringe for use with an IV push or on a syringe pump will passively remain closed to prevent drips or leaks.



#### For use on primary pumpsets

The spinning Spiros with locking spin collar can be added to a primary pumpset to close the system and eliminate the risk of tubing accidentally disconnecting.



#### For use on secondary sets

The Spiros is available as a bonded component on secondary sets and will automatically self-seal and close on disconnect.

PRODUCT SPECIFICATION	
Gravity Flow Rate @ 36" Head Height	221 mL / minute
Backpressure When Unactivated	72 psig
Functional Activations	100
Priming Volume	0.1 mL
Negative Displacement upon Disconnect	0.01 - 0.03 mL

PRODUCT CONFIGURATIONS*		
Configurations	Priming Volume	
Spinning	0.1 mL	100
Non-Spinning	0.1 mL	100

<sup>\*</sup> Available with or without Sterile Cap and sold as ChemoClave System Multi-Packs



As part of the ChemoClave® system, the Spiros helps you keep healthcare workers safe and comply with OSHA, NIOSH, ASHP, ISOPP, and USP <797> safe handling guidelines.