

Storage Solutions

Robust, secure custom solutions for your complex biopharmaceutical processes

Entegris offers a comprehensive range of robust and secure solutions for the processing, storage, and transportation of fluids, ensuring safety and integrity throughout biopharmaceutical processes. These solutions include stainless steel storage tanks, stainless steel cylindrical vessels, and HDPE bins.

Stainless Steel Storage Tank

The stainless-steel storage tank is engineered for the safe and robust storage of solutions using Flex 200 3D single-use bags. The storage tanks are available in four sizes: 200 L, 500 L, 1000 L, 2000 L and can be configured as either jacketed or non-jacketed to meet the specific needs of temperature-sensitive processes.

The stackable design of the Entegris storage tank system allows users to meet complex in-process demands and storage requirements. This feature maximizes the utilization of available clean-room space, ensuring efficiency and flexibility. For the 200 L model, up to three separate tanks can be stacked vertically, significantly reducing the overall footprint in a facility. Similarly, the 500 L model allows for two tanks to be stacked, providing a compact storage solution without compromising capacity.



Cylindrical Storage Vessels

Entegris' cylindrical vessel is designed for efficiency providing a small footprint allowing users to meet the demands of their in-process operations to accommodate higher storage volumes while saving valuable space in your suite. Available in three sizes – 100 L, 200 L, and 500 L – these vessels can also be customized with an optional jacket to accommodate temperature-sensitive applications.



APPLICATIONS

- Buffer and media storage
- Bulk harvest and storage
- Fraction collection and storage
- Sample collection and storage
- Bulk intermediate storage
- Final product storage

FEATURES & BENEFITS

Minimum footprint	Stackable design maximizes clean-room space
Designed for high yield	Designed for maximum recovery of stored fluids
Temperature control	Optional jackets available for temperature-sensitive applications

SPECIFICATIONS

Stainless Steel Storage Tank

DESCRIPTION	
MOC	Stainless 304
Finish	Matte finish RA $\leq 1.2 \mu\text{m}$
Internal	Matte finish RA $\leq 0.8 \mu\text{m}$
Jacket type	Dimpled jacket
Jacket design pressure	6 bar
Mixing tank sizes	200 L,* 500 L, 1000 L

**100 L bag can be installed in 200 L storage tank*

DIMENSIONS

Description	Dimensions (L x D x H)
Storage tank: 200 L non-jacketed	815 x 675 x 1000 mm
Storage tank: 200 L jacketed	910 x 800 x 1000 mm
Storage tank: 200 L trolley	1025 x 600 x 162 mm
Storage tank: 500 L non-jacketed	1200 x 825 x 1160 mm
Storage tank: 500 L jacketed	1260 x 950 x 1160 mm
Storage tank: 500 L trolley	1135 x 800 x 195 mm
Storage tank: 1000 L non-jacketed with trolley	1400 x 1130 x 1355 mm
Storage tank: 1000 L jacketed with trolley	1440 x 1200 x 1355 mm
Storage tank: 2000 L non-jacketed with trolley	1500 x 1310 x 2025 mm
Storage tank: 2000 L jacketed with trolley	1500 x 1380 x 2025 mm

Description	Dimensions (L x D x H)
200 L stainless steel cylindrical vessel	700 x 700 x 1155 mm
500 L stainless steel cylindrical vessel	1000 x 1000 x 1300 mm

DIMENSIONS (CONTINUED)

Description	Diameter x Height
50 L HDPE cylindrical vessel	400 x 445 mm
100 L HDPE cylindrical vessel	475 x 630 mm
200 L HDPE cylindrical vessel	560 x 885 mm
500 L HDPE cylindrical vessel	730 x 1275 mm
1000 L HDPE cylindrical vessel	1110 x 1180 mm

For more information, please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the Contact Us link to find the customer service center nearest you.

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