

The HOLLOWAY HOLDER™

Introducing the New Standard for Single-Use Bag and Fluid Management.



In the realm of single-use, proper management and control of your single-use process bags is critical.

Since 2007, HOLLOWAY AMERICA has crafted scores of fully-customized single-use holders, mixers, and bioreactors for our customers. Drawing on that deep experience, we've created the new HOLLOWAY HOLDER™, the ultimate line of single-use bag holders.

Available in a vast array of sizes - from 200 L to 5000 L - the HOLLOWAY HOLDER™ line provides a lengthy list of standard features and optional customizations that provide maximum efficiency to your single-use process - *and* multiple benefits to your bottom line.

Designed and engineered to fit most popular bag configurations from major manufacturers.

Choose from three HOLLOWAY HOLDER™ models:

- HOLLOWAY HOLDER™ (available in 200/250 L, 500 L, and 1000 L sizes)
- HOLLOWAY HOLDER *NEST*™ stackable units (available in 200/250 L, 500 L, and 1000 L sizes)
- HOLLOWAY HOLDER *MAXX*™ (available in 1000/1500 L, 2000 L, 2500 L, 3000 L, and 5000 L sizes)



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Datasheet: HOLDER_201030

The HOLLOWAY HOLDER™



Standard Features

- Polished 304L stainless steel outer sheathing for superior wash-down design.
- Wide base for exceptional stability.
- *H-Guard™* Door Interlocking mechanism prevents access to the tank interior while bag is full.
- *SureDrain™* SD Bottom Plate is high-density polyethylene (HDPE), and is beveled and contoured; utilizes HOLLOWAY AMERICA *SureDrain™* technology for improved product drainage and maximum product recovery.
- Holloway Single-Use Bag Tube Management is integrated into the bottom plate; unique split plate design provides easier tubing control, and is customizable for bag tube layout.
- Bottom-mounted stainless steel drip pan raises and lowers easily for simplified bag installation and enhanced product drainage.
- *FullView™* Sanitary Sightglass provides full view of tank interior for enhanced product visibility.

Optional Features

- Heavy-duty locking casters for true portability-on-demand.
- Stainless steel coupling plate for implementation of MasterMover™ electric tug technology; allows a solo operator to move empty or loaded HOLDER™ with ease.
- Dimple heat transfer jacket with 2" insulation.
- Pneumatic bag lift system with space-saving control panel and switch.
- Front-mounted manual bag lift system with tension adjustment knob and optional cable guard for total control of bag deployment.
- Customizable sightglass quantity and placement.
- HOLLOWAY HOLDER *NEST™* stackable designs and configurations available for 200/250 L, 500 L, and 1000 L sizes.
- Load cells available on both fixed and portable designs.
- Optional 316L Stainless Steel and other Alloys available upon request.



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A Unique Approach to Help You Manage Your Product Better.

“The HOLLOWAY HOLDER™ incorporates our proprietary system that helps protect the bag and its valuable contents, helps protect the system operator, improves product drainage, simplifies tube management, and creates greater safety, efficiency, and ease of use for our clients.”



How The System Works

As the single-use bag is filled, and pressure is applied to the *SureDrain™* SD Bottom Plate, the *H-Guard™* proprietary door interlock mechanism is enabled. This prevents the external door handle from being operated, and the *H-Guard™* interlocking door from accidentally being opened. When pressure is released from the bottom plate, the locking mechanism is disabled, and the *H-Guard™* interlocking door may be opened. This provides user safety, single-use bag and hose protection, and protection for your precious product while the single-use bag is full and heavy.



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The Elements of the System



The *SureDrain™* SD Bottom Plate: The Key To The System

- Rugged High-Density Polyethylene (HDPE) construction.
- Built for durability and cleanability.
- Interchangeable with all other *SureDrain™* SD bottom plates.
- Split, beveled, contoured, and utilizes patent-pending HOLLOWAY AMERICA *SureDrain™* technology for improved product drainage and maximum product recovery.



HOLLOWAY Single-Use Bag Tube Management

- HOLLOWAY Single-Use Bag Tube Management is integrated into the *SureDrain™* SD split bottom plate for easier tubing control
- Customizable to bag type, tubing sizes, and tube layout.
- Since the bottom plates are totally interchangeable with each other, separate plates can be custom-machined to match varying bag styles, differing tubing diameters and arrangements, and other customized creative configurations. This allows the end-user to keep multiple customized plates on-hand for different applications and processes.

H-Guard™ Interlocking Door Assembly

- Door Interlock utilizes a pressure-activated integrated safety switch that triggers the door lock mechanism when pressure is applied to the integrated bottom plate.
- Oversized stainless steel door(s) provide easy access to the tank interior
- Proprietary security door handle features a spring-loaded mechanism that cannot be engaged without inward pressure being applied to the handle. Pushing the door handle inward allows the handle to turn; releasing the handle disables it.
- Door(s) pair with the *SureDrain™* SD Bottom Drain Plate and Single-Use Bag Tube Management System to trigger a safety door interlock that prevents the doors from being opened when weight is applied to the drain plate from the full single-use bladder.
- Lock out/tag out bracket (when properly applied) helps ensure team and product safety during storage.



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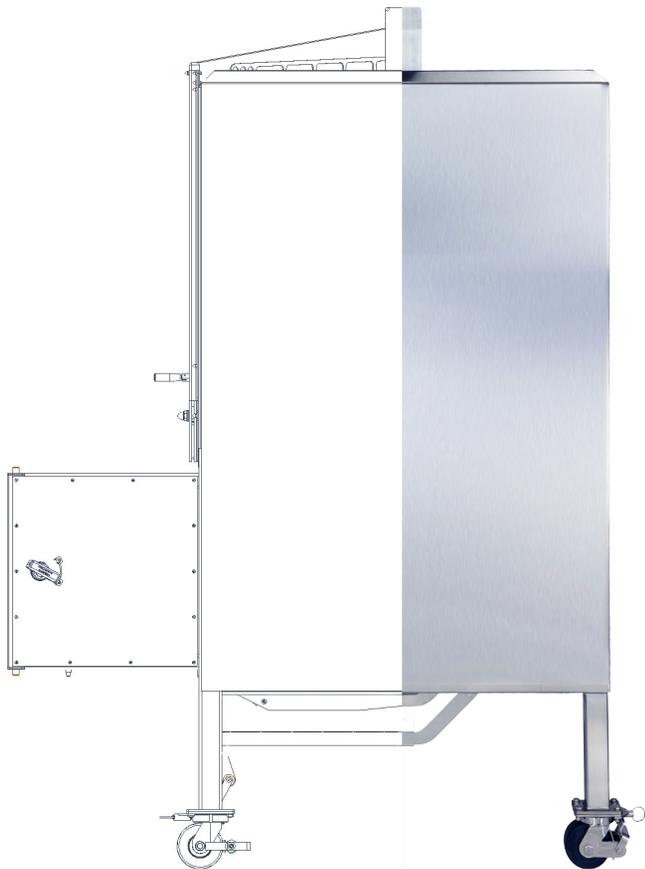
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HOLLOWAY HOLDER MAXX™ Sizes & Dimensions

SIZE	HEIGHT (INCHES)	LENGTH O.D. (INCHES)	LENGTH I.D. (INCHES)	WIDTH O.D. (INCHES)	WIDTH I.D. (INCHES)
1000 L / 1500 L	65	54	47.5	62	55.5
2000 L	78				
2500 L	91				
3000 L	104				
5000 L	156				



Specifications

Sizes	1000/1500 L to 5000 L
Finish	30Ra I.D./O.D.
Materials	T-304L SS



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