

Stainless Steel Vat for Vials

Model VBS-1000, 2000, 3000

We have received many feedbacks that when a customer wants to install vessels (vials) in large quantities during freeze-drying, it takes time and the samples thaw. Therefore, we have developed a stainless steel vat where you can install a large number of small vials at once or easily adjust the number of vials to be installed. This convenient vat can be used in pre-freezing process with crushed ice and installed directly in a dry chamber. At EYELA, we turn customer feedback such as "I wish there was a product like this..." into reality.

Source of frustration

In cases where a large number of vessels are being set, the samples may thaw due to room temperature or heat from your hand.....

~~~~~  
 You can only place two vials at a time, so it takes a long time...  
 When the number of vials is small, the vials tend to tip over...  
 The space between upper and lower shelves are narrow and it takes a long time to set them up.



### From now on, setting up is easy with this special stainless steel vat

**You can save the effort of arranging vials on shelves and prevent sample thawing. Dividers can be used to prevent tipping and adjust the number of vials.**



**Stainless steel vat for vials**  
 VBS-1000•2000

You can save the effort of arranging each vial on shelves and prevent sample thawing. It can seal vials as small as 5mL with tight sealing, allowing for freeze-drying with crushed ice. By using the standard accessory dividers, you can hold vials in any position on the shelves without tipping, even when there are fewer vials. This allows for sample segmentation and reduces the risk of mix-up of samples.

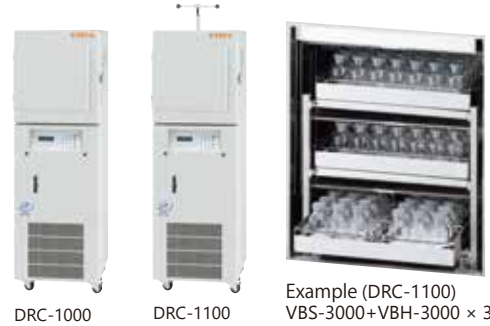
**Stainless steel vat for vials + Holder**  
 VBS-3000+VBH-3000

The height of front and back of the vat are 10mm lower than the sides, making it easier to see the samples in the vials. The vials can be tightly sealed while checking the samples. By using the holder, you can arrange the vials in any position on the shelves without tipping, even when there are fewer vials. This allows for sample segmentation and reduces the risk of mix-up of samples.

Sealing dry chamber  
Model BSC-2L·3L

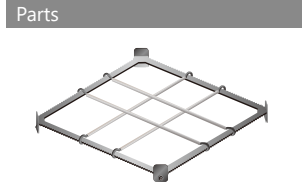
Dry chamber  
Model DRC-1N·2L·3L

Dry chamber cabinet  
Model DRC-1000·1100



Example (DRC-1100)  
VBS-3000+VBH-3000 × 3 each

| Name                  | Stainless steel vats for vials                            |              |                                                                                   |
|-----------------------|-----------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|
|                       | <br>VBS-2000 VBS-1000                                     |              |                                                                                   |
| Model                 | VBS-1000                                                  | VBS-2000     | VBS-3000+VBH-3000                                                                 |
| Cat. No.              | 284250                                                    | 284260       | 284300                                                                            |
| Configuration         | Stainless steel vat x 1 pc,<br>Divider x 2 pcs            |              | Stainless steel vat x 1 pc (VBS-3000),<br>Holder x 1 pc+Spring x 4 pcs (VBH-3000) |
| Compatible model      | Sealing dry chamber BSC-2L·3L<br>Dry chamber DRC-1N·2L·3L |              | Dry chamber cabinet<br>DRC-1000·1100                                              |
| Outer dimension (mm)  | 160W×76D×35H                                              | 207W×97D×35H | Inner dimension: 213W×213D×17(29)H                                                |
| Number of vials (pcs) | 5mL                                                       | 18           | 33                                                                                |
|                       | 10mL                                                      | 17           | 29                                                                                |
|                       | 20mL                                                      | 10           | 18                                                                                |
|                       | 30mL                                                      | 9            | 15                                                                                |



**Holder for vials**

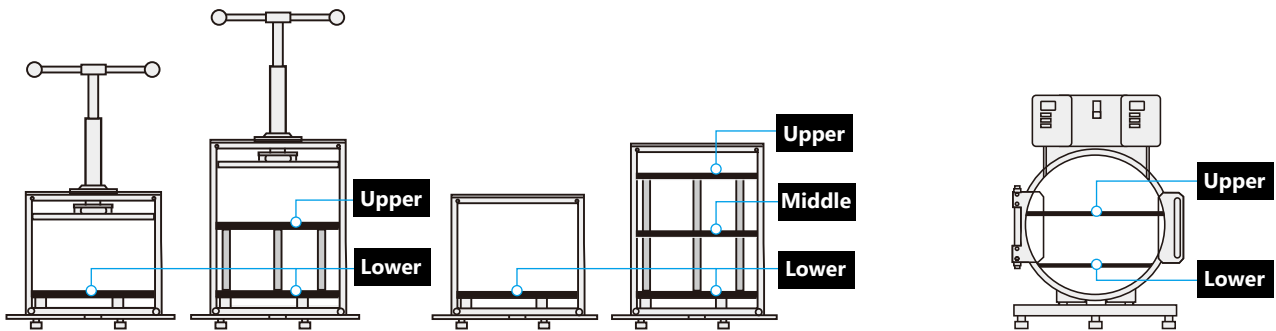
VBH-3000  
Cat. No. 284290  
※This holder can also be used in the options for DRC-1000 and 1100 (aluminum tray, stainless steel vat).

**Stainless steel vat for vials**

VBS-3000  
Cat. No. 284280

※The number of vials for VBS-1000 and 2000 is based on the value when the dividers are not used.  
※When a 30mL vial is set in the VBS-3000, the rubber stopper set in the vial may collide with the dry chamber's sealing plate, making it impossible to seal the vial.

**Number of stainless steel vats that can be installed on compatible dry chambers**



|        | Sealing dry chamber |        | Dry chamber     |                 |
|--------|---------------------|--------|-----------------|-----------------|
|        | BSC-2L              | BSC-3L | DRC-2L          | DRC-3L          |
| Upper  | VBS-1000 : 2 pcs    |        | VBS-1000 : 1 pc | VBS-2000 : 1 pc |
| Middle |                     |        | VBS-2000 : 1 pc |                 |
| Lower  |                     |        |                 |                 |

|        | Dry chamber      |                  |
|--------|------------------|------------------|
|        | DRC-1N           |                  |
| Upper  | VBS-1000 : 1 pc  | VBS-2000 : 1 pc  |
| Middle | VBS-1000 : 2 pcs | VBS-2000 : 2 pcs |
| Lower  | VBS-1000 : 1 pc  | VBS-2000 : 1 pc  |

TOKYO RIKAKIKAI CO., LTD.



<https://eyelaworld.com>

TN Koishikawa Bldg.  
1-15-17 Koishikawa  
Bunkyo-ku, Tokyo  
112-0002 Japan

Tel: +81-3-6757-3378  
Fax: +81-3-3868-6571  
E-mail: [contact@eyelaworld.com](mailto:contact@eyelaworld.com)

※The appearance and specifications of the products are subject to change without notice.

2024.03.27\_KS