# B3 BARRIER

PTFE Valve Biostop

Aseltech B3 model sterilization container systems are designed to provide different filtering mechanisms in a single sterilization container according to user preference. Without buying a new lid, the users are able to change the filtering system on the lid. Aseltech B3 model sterilization container systems can be used with 3 different filtering mechanisms.

**PTFE System:** This filtering mechanism is used with 2000 cycles PTFE Teflon Filter which can be changed by the user easily like in standard model filter-based sterilization containers. The filter used in this system is provided only by Aseltech which is placed in a cassette

**Valve system**: Valve system is modernized new model of Aseltech Bio-Barrier systems and has the same running principal. This system works with mechanic valve with positive and negative pressure occurred during sterilization in autoclave and can be used minimum 5000 cycles.

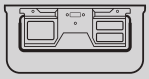
**Bio-Stop System**: The Bio-Stop system is a flow inhibition system based on a principle discovered by Louis Pasteur. With a separation efficiency of 99.99 %, it offers significantly better protection against microbes and particles. This system can be used minimum 5000 cycles.

Aseltech B3 model sterilization container systems are manufactured as five different length, width and height. All models and sizes have specific baskets and accessories which can be viewed in following parts. Modular auto lock mechanism (thermo lock) promising sterility assurance and indicator window providing visibility of the indicator card result by visual control without opening the lid are also available for this sterilization container model.

## Box Types



Box *(With System)*



Box *(Non Perforated)*



## Standard Heights



110 mm | 135 mm | 150 mm | 200 mm | 260 mm

## Dimensions



| 1/2 Half Size | 3/4 Quarter Size | 1/1 Full Size | Extra Large Size | Extra Long Size |
|---|---|---|---|---|
| Page 66 -67 | Page 64 -65 | Page 62 -63 | Page 68 -69 | Page 70 -71 |

# **Filtering** Systems

## **VALVE** System



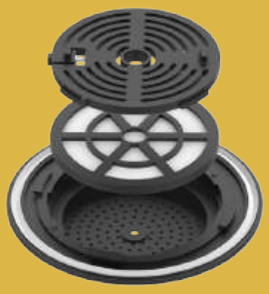
*Mechanism* **Icon**

**VALVE** System

Mechanism Parts

# **Filtering** Systems

**PTFE**
System

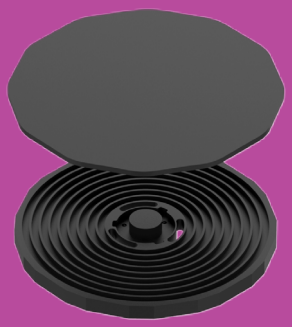


*Mechanism* **Icon**

**PTFE** System
Mechanism Parts

# **Filtering** Systems

**BIO-STOP**
System ppsu

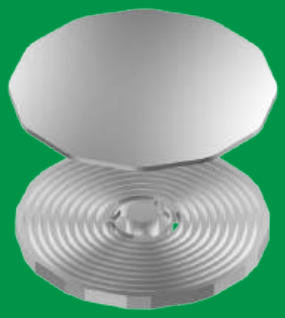


*Mechanism* **Icon**

**BIO-STOP** System ppsu
Mechanism Parts

# **Filtering** Systems

## **BIO-STOP**
System aluminium



*Mechanism* **Icon**

**BIO-STOP** System aluminium

Mechanism Parts

# B3 BARRIER

PTFE Valve Biostop

## 1/1 Full Size

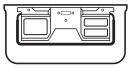


## Box Types

 Box *(With System)*

 Box *(Non Perforated)*

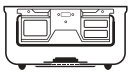
Box *(Non Perforated)*





| Code | Outside Dimension | Inside Dimension | Weight |
|---|---|---|---|
| CN-6105 | 600 x 272 x 96 mm | 543 x 258 x 90 mm | 1945 g |
| CN-6106 | 600 x 272 h:116 mm | 543 x 258 x 110 mm | 2100 g |
| CN-6107 | 600 x 272 h:138 mm | 543 x 258 x 132 mm | 2255 g |
| CN-6108 | 600 x 272 h:190 mm | 543 x 258 x 184 mm | 2655 g |
| CN-6109 | 600 x 272 h:235 mm | 543 x 258 x 229 mm | 3100 g |

Box *(With System)*









**Outside Dimension :** 600 x 272 **Inside Dimension :** 543 x 258

| PTFE SYSTEM | Code |
|---|---|
|  | CN-8100P |
| | CN-8101P |
| | CN-8102P |
| | CN-8103P |
| **Code**: CN-1970 **Weight**: 155 g | CN-8104P |

| VALVE SYSTEM | Code |
|---|---|
|  | CN-8100V |
| | CN-8101V |
| | CN-8102V |
| | CN-8103V |
| **Code**: CN-1980 **Weight**: 165 g | CN-8104V |

| BIO-STOP PPSU | Code |
|---|---|
|  | CN-8100B |
| | CN-8101B |
| | CN-8102B |
| | CN-8103B |
| **Code**: CN-1990 **Weight**: 290 g | CN-8104B |

| BIO-STOP ALUMINIUM | Code |
|---|---|
|  | CN-8100BA |
| | CN-8101BA |
| | CN-8102BA |
| | CN-8103BA |
| **Code**: CN-1990A **Weight**: 430 g | CN-8104BA |

| outside / inside height | |
|---|---|
| 110 mm | 63 mm |
| 130 mm | 81 mm |
| 150 mm | 101 mm |
| 200 mm | 153 mm |
| 250 mm | 199 mm |




## B3 Barrier Lids



| Color | PTFE SYSTEM | VALVE SYSTEM | BIO-STOP PPSU | BIO-STOP ALUMINIUM |
|---|---|---|---|---|
| Grey | CN-8120P | CN-8120V | CN-8120B | CN-8120BA |
| Yellow | CN-8121P | CN-8121V | CN-8121B | CN-8121BA |
| Green | CN-8122P | CN-8122V | CN-8122B | CN-8122BA |
| Blue | CN-8123P | CN-8123V | CN-8123B | CN-8123BA |
| Red | CN-8124P | CN-8124V | CN-8124B | CN-8124BA |
| Black | CN-8125P | CN-8125V | CN-8125B | CN-8125BA |
| Purple | CN-8126P | CN-8126V | CN-8126B | CN-8126BA |
| Bronze | CN-8127P | CN-8127V | CN-8127B | CN-8127BA |
| **Weight** | 1570 g | 1600 g | 1805 g | 2300 g |

**Dimension**: 585 x 285 mm

## Safety Lids



| Color | Code |
|---|---|
| Grey | CN-6230 |
| Yellow | CN-6231 |
| Green | CN-6232 |
| Blue | CN-6233 |
| Red | CN-6234 |
| Black | CN-6235 |
| Purple | CN-6236 |
| Bronze | CN-6237 |
| **Weight :** 1050 g | |

**Dimension**: 606 x 288 mm

# B3 BARRIER

PTFE Valve Biostop

## 3/4 Quarter Size

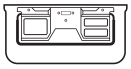


## Box Types

 Box *(With System)*

 Box *(Non Perforated)*

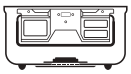
Box *(Non Perforated)*





| Code | Outside Dimension | Inside Dimension | Weight |
|---|---|---|---|
| CN-6305 | 475 x 272 x 96 mm | 422 x 258 x 90 mm | 1609 g |
| CN-6306 | 475 x 272 x 116 mm | 422 x 258 x 110 mm | 1714 g |
| CN-6307 | 475 x 272 x 138 mm | 422 x 258 x 132 mm | 1842 g |
| CN-6308 | 475 x 272 x 185 mm | 422 x 258 x 179 mm | 2117 g |

Box *(With System)*









**Outside Dimension :** 475 x 272 **Inside Dimension :** 422 x 258

| PTFE SYSTEM | Code |
|---|---|
|  | CN-8300P |
| | CN-8301P |
| | CN-8302P |
| | CN-8303P |

**Code**: CN-1970
**Weight**: 155 g

| VALVE SYSTEM | Code |
|---|---|
|  | CN-8300V |
| | CN-8301V |
| | CN-8302V |
| | CN-8303V |

**Code**: CN-1980
**Weight**: 165 g

| BIO-STOP PPSU | Code |
|---|---|
|  | CN-8300B |
| | CN-8301B |
| | CN-8302B |
| | CN-8303B |

**Code**: CN-1990
**Weight**: 290 g

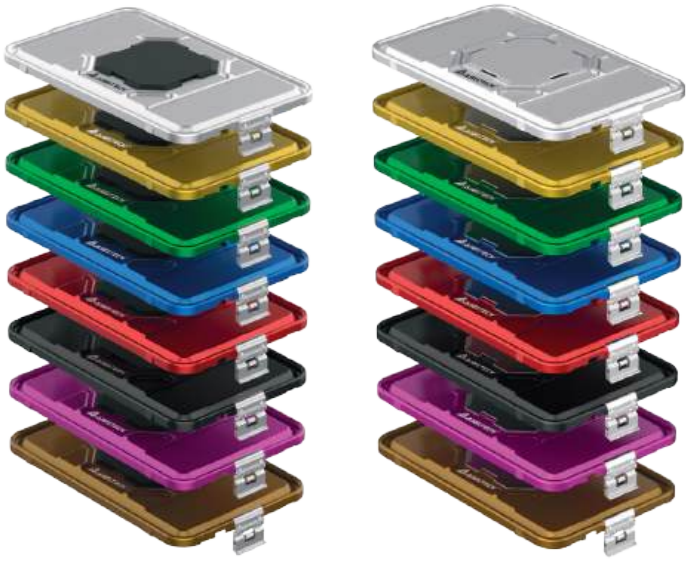
| BIO-STOP ALUMINIUM | Code |
|---|---|
|  | CN-8300BA |
| | CN-8301BA |
| | CN-8302BA |
| | CN-8303BA |

**Code**: CN-1990A
**Weight**: 430 g

| outside / inside height | |
|---|---|
| 110 mm | 63 mm |
| 130 mm | 81 mm |
| 150 mm | 101 mm |
| 197 mm | 150 mm |




## B3 Barrier Lids



| Color | PTFE SYSTEM | VALVE SYSTEM | BIO-STOP PPSU | BIO-STOP ALUMINIUM |
|---|---|---|---|---|
| Grey | CN-8340P | CN-8340V | CN-8340B | CN-8340BA |
| Yellow | CN-8341P | CN-8341V | CN-8341B | CN-8341BA |
| Green | CN-8342P | CN-8342V | CN-8342B | CN-8342BA |
| Blue | CN-8343P | CN-8343V | CN-8343B | CN-8343BA |
| Red | CN-8344P | CN-8344V | CN-8344B | CN-8344BA |
| Black | CN-8345P | CN-8345V | CN-8345B | CN-8345BA |
| Purple | CN-8346P | CN-8346V | CN-8346B | CN-8346BA |
| Bronze | CN-8347P | CN-8347V | CN-8347B | CN-8347BA |
| **Weight** | 1030 g | 1045 g | 1170 g | 1385 g |

**Dimension**: 460 x 285 mm

## Safety Lids



| Color | Code |
|---|---|
| Grey | CN-6410 |
| Yellow | CN-6411 |
| Green | CN-6412 |
| Blue | CN-6413 |
| Red | CN-6414 |
| Black | CN-6415 |
| Purple | CN-6416 |
| Bronze | CN-6417 |

**Weight :** 900 g

**Dimension**: 483 x 290 mm

# B3 BARRIER

PTFE Valve Biostop

## 1/2 Half Size

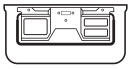


## Box Types

 Box *(With System)*

 Box *(Non Perforated)*

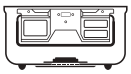
Box *(Non Perforated)*





| Code | Outside Dimension | Inside Dimension | Weight |
|---|---|---|---|
| CN-6605 | 310 x 272 x 96 mm | 253 x 258 x 90 mm | 1285 g |
| CN-6606 | 310 x 272 x 116 mm | 253 x 258 x 110 mm | 1345 g |
| CN-6607 | 310 x 272 x 138 mm | 253 x 258 x 132 mm | 1455 g |
| CN-6608 | 310 x 272 x 185 mm | 253 x 258 x 179 mm | 1705 g |
| CN-6609 | 310 x 272 x 235 mm | 253 x 258 x 229 mm | 1955 g |

Box *(With System)*









**Outside Dimension :** 310 x 272 **Inside Dimension :** 253 x 258

| PTFE SYSTEM | Code |
|---|---|
|  | CN-8600P |
| | CN-8601P |
| | CN-8602P |
| | CN-8603P |
| **Code**: CN-1970 **Weight**: 155 g | CN-8604P |

| VALVE SYSTEM | Code |
|---|---|
|  | CN-8600V |
| | CN-8601V |
| | CN-8602V |
| | CN-8603V |
| **Code**: CN-1980 **Weight**: 165 g | CN-8604V |

| BIO-STOP PPSU | Code |
|---|---|
|  | CN-8600B |
| | CN-8601B |
| | CN-8602B |
| | CN-8603B |
| **Code**: CN-1990 **Weight**: 290 g | CN-8604B |

| BIO-STOP ALUMINIUM | Code |
|---|---|
|  | CN-8600BA |
| | CN-8601BA |
| | CN-8602BA |
| | CN-8603BA |
| **Code**: CN-1990A **Weight**: 430 g | CN-8604BA |

| outside / inside height | |
|---|---|
| 110 mm | 63 mm |
| 130 mm | 81 mm |
| 150 mm | 101 mm |
| 200 mm | 153 mm |
| 250 mm | 199 mm |




## B3 Barrier Lids



| Color | PTFE SYSTEM | VALVE SYSTEM | BIO-STOP PPSU | BIO-STOP ALUMINIUM |
|---|---|---|---|---|
| Grey | CN-8630P | CN-8630V | CN-8630B | CN-8630BA |
| Yellow | CN-8631P | CN-8631V | CN-8631B | CN-8631BA |
| Green | CN-8632P | CN-8632V | CN-8632B | CN-8632BA |
| Blue | CN-8633P | CN-8633V | CN-8633B | CN-8633BA |
| Red | CN-8634P | CN-8634V | CN-8634B | CN-8634BA |
| Black | CN-8635P | CN-8635V | CN-8635B | CN-8635BA |
| Purple | CN-8636P | CN-8636V | CN-8636B | CN-8636BA |
| Bronze | CN-8637P | CN-8637V | CN-8637B | CN-8637BA |
| **Weight** | 850 g | 865 g | 985 g | 1200 g |
| **Dimension**: 295 x 280 mm | | | | |

## Safety Lids



| Color | Code |
|---|---|
| Grey | CN-6700 |
| Yellow | CN-6701 |
| Green | CN-6702 |
| Blue | CN-6703 |
| Red | CN-6704 |
| Black | CN-6705 |
| Purple | CN-6706 |
| Bronze | CN-6707 |
| **Weight :** 610 g | |
| **Dimension**: 317 x 285 mm | |

# B3 BARRIER

PTFE Valve Biostop

## Extra Large Size

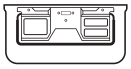


## Box Types

 Box *(With System)*

 Box *(Non Perforated)*

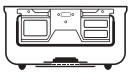
Box *(Non Perforated)*





| Code | Outside Dimension | Inside Dimension | Weight |
|---|---|---|---|
| CN-6402 | 600 x 365 x 105 mm | 543 x 350 x 99 mm | 2271 g |
| CN-6403 | 600 x 365 x 167 mm | 543 x 350 x 161 mm | 2856 g |

Box *(With System)*







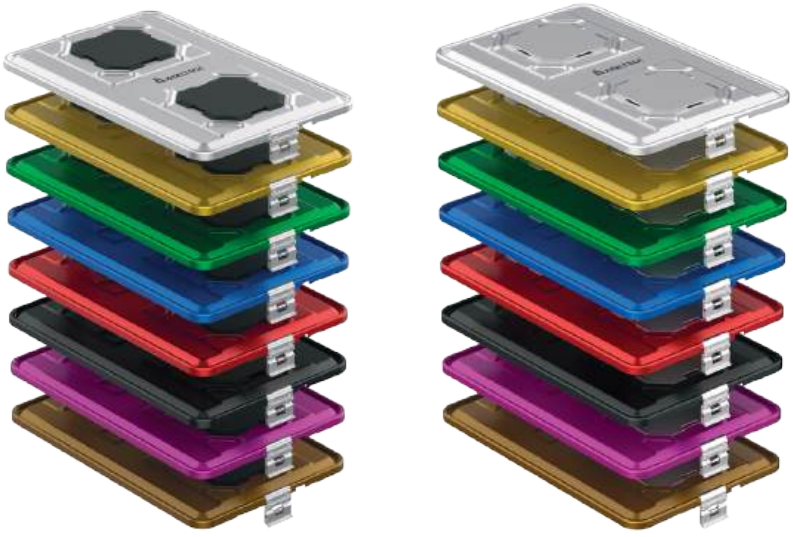


**Outside Dimension :** 600 x 365 **Inside Dimension :** 543 x 350

| PTFE SYSTEM | Code | VALVE SYSTEM | Code | BIO-STOP PPSU | Code | BIO-STOP ALUMINIUM | Code | outside / inside height | |
|---|---|---|---|---|---|---|---|---|---|
|  | CN-8700P |  | CN-8700V |  | CN-8700B |  | CN-8700BA | 120 mm | 69 mm |
| | CN-8701P | | CN-8701V | | CN-8701B | | CN-8701BA | 180 mm | 131 mm |
| **Code**: CN-1970<br>**Weight**: 155 g | | **Code**: CN-1980<br>**Weight**: 165 g | | **Code**: CN-1990<br>**Weight**: 290 g | | **Code**: CN-1990A<br>**Weight**: 430 g | | | |




## B3 Barrier Lids



| Color | PTFE SYSTEM | VALVE SYSTEM | BIO-STOP PPSU | BIO-STOP ALUMINIUM |
|---|---|---|---|---|
| Grey | CN-8326P | CN-8326V | CN-8326B | CN-8326BA |
| Yellow | CN-8327P | CN-8327V | CN-8327B | CN-8327BA |
| Green | CN-8328P | CN-8328V | CN-8328B | CN-8328BA |
| Blue | CN-8329P | CN-8329V | CN-8329B | CN-8329BA |
| Red | CN-8330P | CN-8330V | CN-8330B | CN-8330BA |
| Black | CN-8331P | CN-8331V | CN-8331B | CN-8331BA |
| Purple | CN-8315P | CN-8315V | CN-8315B | CN-8315BA |
| Bronze | CN-8316P | CN-8316V | CN-8316B | CN-8316BA |
| **Weight** | 1830 g | 1854 g | 2090 g | 2347 g |

**Dimension**: 583 x 370 mm

# B3 BARRIER

PTFE Valve Biostop

## Extra Long Size

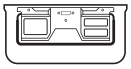


## Box Types

 Box *(With System)*

 Box *(Non Perforated)*

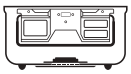
Box *(Non Perforated)*





| Code | Outside Dimension | Inside Dimension | Weight |
|---|---|---|---|
| CN-62005 | 725 x 275 x 127 mm | 670 x 260 x 121 mm | 2446 g |
| CN-62007 | 725 x 275 x 134 mm | 670 x 260 x 128 mm | 2503 g |
| CN-62006 | 725 x 275 x 191 mm | 670 x 260 x 185 mm | 2974 g |

Box *(With System)*







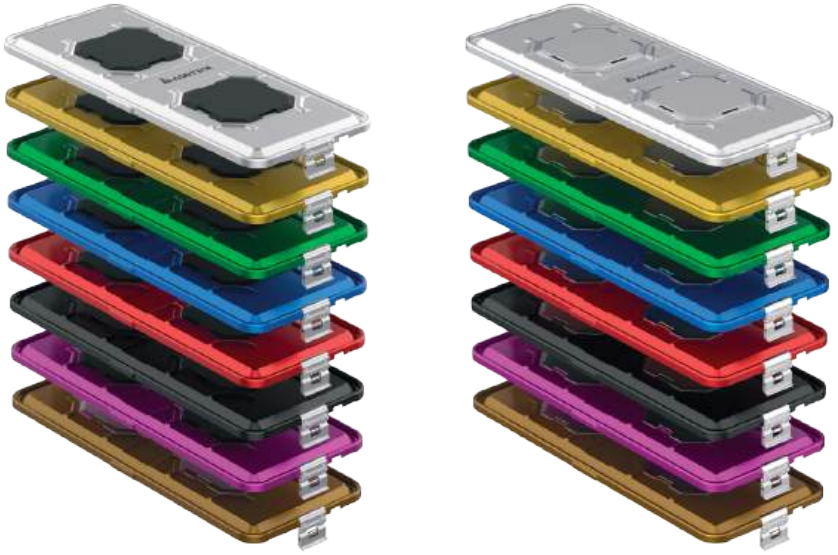


**Outside Dimension :** 725 x 275 **Inside Dimension :** 670 x 260

| PTFE SYSTEM | Code | VALVE SYSTEM | Code | BIO-STOP PPSU | Code | BIO-STOP ALUMINIUM | Code | outside / inside height | |
|---|---|---|---|---|---|---|---|---|---|
|  | CN-82000P |  | CN-82000V |  | CN-82000B |  | CN-82000BA | 138 mm | 95 mm |
| | CN-82001P | | CN-82001V | | CN-82001B | | CN-82002BA | 145 mm | 102 mm |
| | CN-82002P | | CN-82002V | | CN-82002B | | CN-82001BA | 203 mm | 163 mm |
| **Code**: CN-1970<br>**Weight**: 155 g | | **Code**: CN-1980<br>**Weight**: 165 g | | **Code**: CN-1990<br>**Weight**: 290 g | | **Code**: CN-1990A<br>**Weight**: 430 g | | | |




## B3 Barrier Lids



| Color | PTFE SYSTEM | VALVE SYSTEM | BIO-STOP PPSU | BIO-STOP ALUMINIUM |
|---|---|---|---|---|
| Grey | CN-82120P | CN-82120V | CN-82120B | CN-82120BA |
| Yellow | CN-82121P | CN-82121V | CN-82121B | CN-82121BA |
| Green | CN-82122P | CN-82122V | CN-82122B | CN-82122BA |
| Blue | CN-82123P | CN-82123V | CN-82123B | CN-82123BA |
| Red | CN-82124P | CN-82124V | CN-82124B | CN-82124BA |
| Black | CN-82125P | CN-82125V | CN-82125B | CN-82125BA |
| Purple | CN-82126P | CN-82126V | CN-82126B | CN-82126BA |
| Bronze | CN-82127P | CN-82127V | CN-82127B | CN-82127BA |
| **Weight** | 1386 g | 1810 g | 2047 g | 2303 g |

**Dimension**: 710 x 285 mm