

The Quality which has a Value

STAINLESS CONTAINER

for
Bio-Pharmaceutical
Pharmaceutical
Chemical
Food
& Muliti-Purpose Industry



SANKO ASTEC INC. Tokyo Japan

 **Sanko
Astec
Inc.**
Stainless Container

We provide **Stainless Containers** with **Worthy Quality,** and **Creative Designs.**

SANKO ASTEC INC. supplies high quality stainless steel products to pharmaceutical, biotechnology, chemistry, and food industries.

The stainless steel container, which our company supplies, is used in medicine manufacture, biotechnology, food, cosmetics, and chemistry industry in the world.

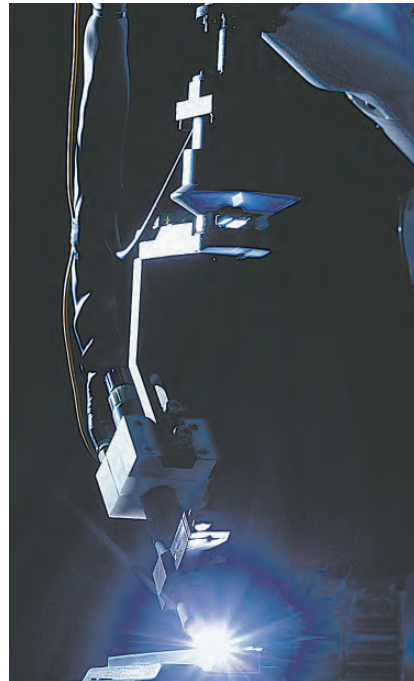
In order to bring valuable products to you, it has original manufacturing techniques and equipment.

It has the latest technology in welding and the surface finish.

Main products are stainless steel storage container, air/water-tight container, bottle, and another custom manufactured products.

Our responsibility is providing you with the products that will fit your needs at a price based on value.

Factory





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ST series

Standard storage containers

It is suitable for storage of medical fluid, powder, etc.
Low price and high quality.

ST series/Standard storage container is suitable for storage of medical fluid, powder, etc. It is not air/water-tight seal. Because of mass-produced goods, it is low price.



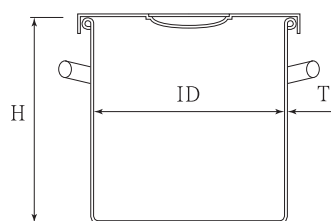
ST-24 ~ 47H

- Container size has the abundant kinds of 10L to 200L.
- The material of standard stocks is T304 stainless steel.
The manufacture by T316L stainless steel is also possible.
- Surface finish is buff polish, welded is seamless.

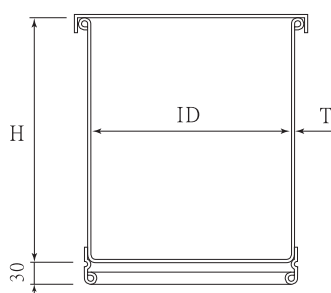


ST-565 / 565H

ST-565, 565H have the memory at every 20L, and the guide of prevention is attached in container bottom.



ST-24~47H



ST-565/565H

- Capacity: 10L-200L
- Material: T304 stainless steel
(the manufacture by T316L stainless steel is also possible)
- Finish: Buff polish / Welded is seamless

Model	Capacity (L)	ID (mm)	H (mm)	T (mm)	Weight (kg)
ST-24	10	240	240	0.7	1.8
ST-30	20	300	300	0.8	3.1
ST-36	36	360	360	0.9	4.8
ST-39	45	387	390	0.9	5.5
ST-43	65	430	450	1.0	7.9
ST-47	80	470	470	1.2	9.9
ST-47H	100	470	600	1.2	11.7
ST-565	150	565	600	1.2	16.8
ST-565H	200	565	900	1.2	22.0

CTH series

Clip air/water-tight containers

The simple air/water-tight container is fitted with clip-down cover.

It is the best for storage of the contents taking a dislike of humidity or the open air.

CTH series/Clip air/water-tight container is a sample air/water-tight container fitting with clip. A silicone gasket is put between body and lid. It is creating an air/water-tight seal. It is the best for storage of the contents taking a dislike of humidity or the open air.



CTH-24 ~ 47H

- Container size has the abundant kinds of 10L to 200L.
- The material of standard stocks is T304 stainless steel. T316L stainless steel is also possible.
- The standard material of gasket is silicone rubber.
- The other materials are possible. Surface finish is buff polish. Welded is seamless.

Cautions: Pressurization and decompression cannot be performed in a container.

● A Type Gasket



Fitting in Body

● B Type Gasket



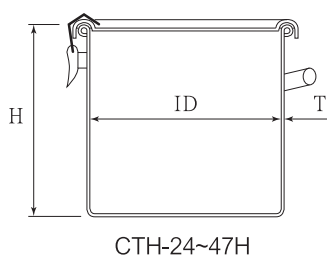
Fitting in Lid

Gasket of CTH-565/565H is B Type Only

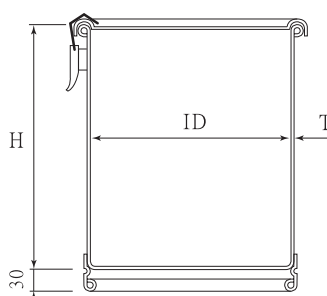


CTH-565 / 565H

CTH-565, 565H have the memory at every 20L, and the guide of prevention is attached in container bottom.



CTH-24~47H



CTH-565/565H

- Capacity: 10L-200L
- Material: T304 stainless steel (T316L stainless steel is also possible)
- The material of gasket: Silicone rubber
- Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish / Welded is seamless

Model	Capacity (L)	ID (mm)	H (mm)	T (mm)	Weight (kg)
CTH-24	10	240	240	0.7	2.1
CTH-30	20	300	300	0.8	3.3
CTH-36	36	360	360	0.9	5.5
CTH-39	45	387	390	0.9	6.0
CTH-43	65	430	450	1.0	8.5
CTH-47	80	470	470	1.2	11.0
CTH-47H	100	470	600	1.2	12.8
CTH-565	150	565	600	1.2	17.3
CTH-565H	200	565	900	1.2	22.4

CTL series

Lever band air/water-tight containers

Using the lever band obtains high sealing nature.
Since the lever band with special form is used, it is allowing for a pile.

CTL series/Lever band air/water-tight container puts silicone gasket between main part and lid. It is the simple air/water-tight container with lever band squeeze ring.

Sealing nature is higher than CTH series/Clip air/water-tight container for a lever band.

- Material of standard stocks is T304 stainless steel.
T316L stainless steel is also possible.
- The standard material of gasket is silicone rubber.
The other materials are possible.
- Surface finish is buff polish.
Welded is seamless.

Cautions: Please be careful of the stability and weight of container at the time of a pile.
Pressurization and decompression cannot be performed in a container.



CTL-24 ~ 47H

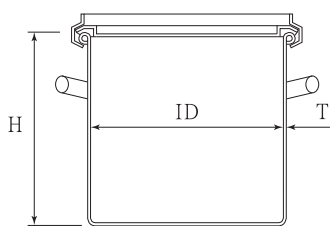


CTL-24~47H can be put on a pile

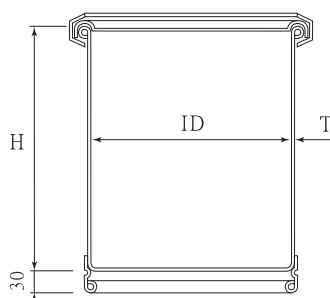


CTL-565 / 565H

CTL-565, 565H have the memory at every 20L, and the guide of prevention is attached in container bottom.



CTL-24~47H



CTL-565/565H

- Capacity: 10L-200L
- Material: T304 stainless steel (T316L stainless steel is also possible)
- Material of gasket: Silicone rubber
- Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish / Welded is seamless

Model	Capacity (L)	ID (mm)	H (mm)	T (mm)	Weight (kg)
CTL-24	10	240	240	0.7	2.1
CTL-30	20	300	300	0.8	3.3
CTL-36	36	360	360	0.9	5.0
CTL-39	45	387	390	0.9	5.8
CTL-43	65	430	450	1.0	8.2
CTL-47	80	470	470	1.2	10.8
CTL-47H	100	470	600	1.2	12.5
CTL-565	150	565	600	1.2	18.5
CTL-565H	200	565	900	1.2	23.3

KM series

Dollies (rubber wheel)

An exclusive dolly is convenient for movement.
Container setting in dolly is easy.

- KM series/Dollies, It is an exclusive dolly very conveniently for movement of container.
- A container and dolly are the insertion type.
- Four free casters are attached. Two pieces are with stopper inside.
- Material of the main part of dolly is T304 stainless steel.
The body of caster is SS chromium plating , material of wheel is rubber .
- Adaptation Container is ST series /CTH series /CTL series /SMA series/KT series.



Model	Load (kg)	Weight (kg)
KM-30	112	1.3
KM-36	160	2.9
KM-39	160	3.1
KM-43	176	3.5
KM-47	176	4.2
KM-565	320	10.5

KMS series

Dollies (nylon urethane wheel)

The caster Material change article of KM series.
The nylon urethane caster can be used
in clean environment .

- KMS series/Dollies are the caster Material change articles of KM series.
- Four free casters are attached. Two pieces are with stopper inside.
- Material of the main part of dolly T304 stainless steel.
The body of caster is T304 stainless , material of wheel is nylon urethane.
- Adaptation Container is ST series /CTH series /CTL series /SMA series /KT series.



Model	Load (kg)	Weight (kg)
KMS-36	224	2.9
KMS-39	224	3.1
KMS-43	256	3.5
KMS-47	256	4.2
KMS-565	320	10.5

SMA series

Sanitary containers

The deluxe type of ST/CTH/CTL series.
Washing nature was raised sharply.
It is adopted at many medicine
manufacture and biotechnology factories.

SMA series/Sanitary container is the design with
washing nature more sufficient than ST/CTH/CTL
series.

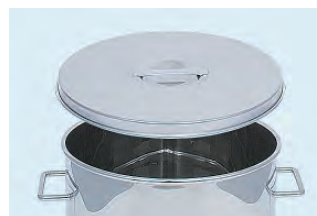
Because crack of the rolled edge is all shielded,
and stainless solid bar is used for handles,
washing water does not enter.



- Container size has the abundant kinds of 10L to 200L.
- The material is T316L stainless steel.
- This series is an order-received production article. Surface finish is buff polish. Welded is seamless. Electrolysis polish is possible as an option.
- The standard material of gasket is silicone rubber. The other materials are possible.

Cautions: Please be careful of the stability and weight of container at the time of pile of SMA-CTL type. Pressurization and decompression cannot be performed in a sealing type container.

● SMA-ST series



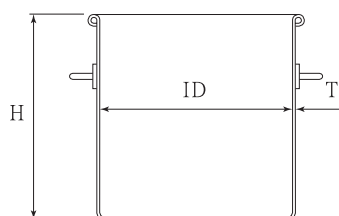
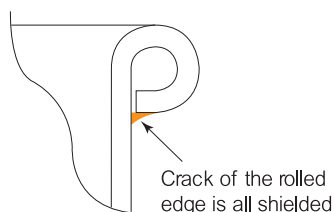
● SMA-CTH series



● SMA-CTL series



- Order-received production article
- Capacity: 10L-200L
- Material: T316L stainless steel
- Material of gasket: silicone rubber Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish / Welded is seamless (option: electrolysis polish)



Model	Capacity (L)	ID (mm)	H (mm)	T (mm)
SMA-ST/CTH/CTL-24	10	240	240	1.0
SMA-ST/CTH/CTL-30	20	300	300	1.0
SMA-ST/CTH/CTL-36	36	360	360	1.0
SMA-ST/CTH/CTL-39	45	387	390	1.0
SMA-ST/CTH/CTL-43	65	430	450	1.0
SMA-ST/CTH/CTL-47	80	470	470	1.2
SMA-ST/CTH/CTL-47H	100	470	600	1.2
SMA-ST/CTH/CTL-565	150	565	600	1.2
SMA-ST/CTH/CTL-565H	200	565	900	1.2

TP series

Taper type containers

Since about 1-degree taper is attached to the body of container, it can be in piles compactly at the time of empty.

The transportation cost of an intact container can cut down sharply. Board thickness is thin and weight is light.

TP series/Taper type container is about 1 degree to the body of container so that a pile may be possible at the time of empty. Since a pile is possible when container is empty, transportation cost can also be cut down sharply. Board thickness of the container body is thin, and weight is light.

- Container size has the abundant kinds of 10L to 200L.
- Material is T304 stainless steel.
- Surface finish is buff polish. Welded is seamless.
- Material of gasket is silicone rubber. The other materials are possible.

Cautions: Pressurization and decompression cannot be performed in a sealing type container. KM and KMS series/Doilies cannot be used with it.



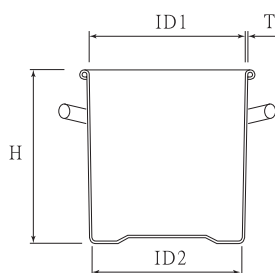
● TP-ST series



● TP-CTH series



● TP-CTL series



- Capacity: 10L-200L
- Material: T304 stainless steel
- Material of gasket: silicone rubber
- Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish/welded is seamless
- The bottom of container is stage type

Model	Capacity (L)	ID1 × ID2 (mm)	H (mm)	T (mm)	Weight (kg) ST/CTH/CTL
TP-ST/CTH/CTL-24	10	240 × 231	240	0.6	2.7/3.0/3.0
TP-ST/CTH/CTL-30	20	300 × 289	300	0.7	4.1/4.3/4.3
TP-ST/CTH/CTL-36	36	360 × 347	360	0.8	5.7/6.0/6.1
TP-ST/CTH/CTL-39	45	387 × 374	400	0.8	6.4/6.8/7.0
TP-ST/CTH/CTL-43	65	430 × 414	470	0.9	8.1/8.6/9.0
TP-ST/CTH/CTL-47	80	470 × 453	480	1.0	11.1/11.7/11.8
TP-ST/CTH/CTL-47H	100	470 × 448	610	1.0	12.8/13.5/13.6
TP-ST/CTH/CTL-565	150	565 × 544	630	1.0	16.8/18.0/18.5
TP-ST/CTH/CTL-565H	200	565 × 534	900	1.0	22.0/23.0/23.5

HT series

Hopper type containers with caster legs

Since the bottom is hopper form, contents liquid can be discharged without remains.
The caster legs are convenient to move.
The manufacture meeting to the use situation is possible.

- Order-received production article
- Capacity: 35L - 150L
- Material: T304 stainless steel
- Material Option: T316L stainless steel (Contacting part with Liquid)
- Material of gasket: silicone rubber
- Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish / Welded is seamless



DT series

Dish type containers with caster legs

Since the bottom is dish type, contents liquid can be discharged without remains.
The caster legs are convenient to move.
The manufacture meeting to the use situation is possible.

- Order-received production article
- Capacity: 35L - 150L
- Material: T304 stainless steel
- Material Option: T316L stainless steel (Contacting part with Liquid)
- Material of gasket: silicone rubber
- Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish / Welded is seamless



KT series

Slope type containers

Since the bottom is slope form, contents liquid can be discharged without remains.
It can be combined with dolly to move conveniently.
The manufacture meeting to the use situation is possible.

- Order-received production article
- Capacity: 35L - 200L
- Material: T304 stainless steel
- Material Option: T316L stainless steel (Contacting part with Liquid)
- Material of gasket: silicone rubber
- Gasket Option: NBR, EPDM, FPM
- Finish: Buff polish / Welded is seamless



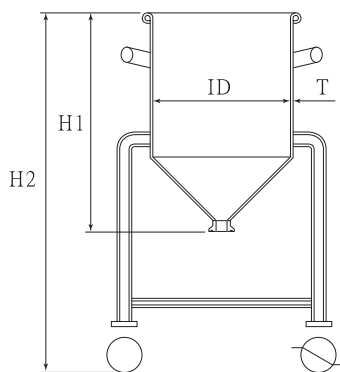
- HT-ST series
- DT-ST series
- KT-ST series



- HT-CTH series
- DT-CTH series
- KT-CTH series

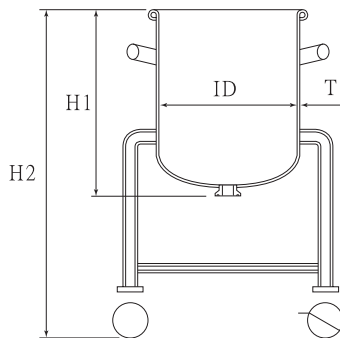


- HT-CTL series
- DT-CTL series
- KT-CTL series



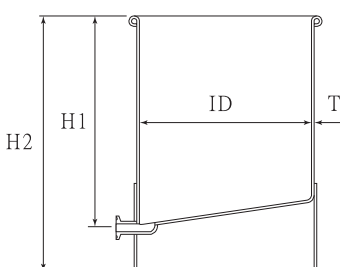
Model	Capacity (L)	ID × H1 × H2 × T (mm)	Ferrule (ISO/IDF)
HT-ST/CTH/CTL-36	35	360 × 490 × 890 × 1.2	1"
HT-ST/CTH/CTL-39	45	387 × 540 × 940 × 1.2	1"
HT-ST/CTH/CTL-43	65	430 × 570 × 970 × 1.2	2"
HT-ST/CTH/CTL-47	80	470 × 640 × 1040 × 1.5	2"
HT-ST/CTH/CTL-47H	100	470 × 750 × 1150 × 1.5	2"
HT-ST/CTH/CTL-565	150	565 × 820 × 1220 × 1.5	2"

● Containers of 35L~65L have three legs, more than container of 80L have four legs.



Model	Capacity (L)	ID × H1 × H2 × T (mm)	Ferrule (ISO/IDF)
DT-ST/CTH/CTL-36	35	360 × 420 × 820 × 1.2	1"
DT-ST/CTH/CTL-39	45	387 × 460 × 860 × 1.2	1"
DT-ST/CTH/CTL-43	65	430 × 500 × 900 × 1.2	2"
DT-ST/CTH/CTL-47	80	470 × 550 × 950 × 1.5	2"
DT-ST/CTH/CTL-47H	100	470 × 670 × 1070 × 1.5	2"
DT-ST/CTH/CTL-565	150	565 × 700 × 1100 × 1.5	2"

● Containers of 35L~65L have three legs, more than container of 80L have four legs.



Model	Capacity (L)	ID × H1 × H2 × T (mm)	Ferrule (ISO/IDF)
KT-ST/CTH/CTL-36	35	360 × 380 × 460 × 1.0	1"
KT-ST/CTH/CTL-39	45	387 × 410 × 490 × 1.0	1"
KT-ST/CTH/CTL-43	65	430 × 470 × 550 × 1.0	1"
KT-ST/CTH/CTL-47	80	470 × 490 × 570 × 1.2	1"
KT-ST/CTH/CTL-47H	100	470 × 620 × 700 × 1.2	1"
KT-ST/CTH/CTL-565	150	565 × 630 × 710 × 1.5	2"
KT-ST/CTH/CTL-565H	200	565 × 930 × 1010 × 1.5	2"

BTB series

Wide mouth ferrule top bottles

It is the good quality bottle with excellent air tightness and washing nature. The opening is using the air/water-tight clamp joint. It is the best for storage of medicine.

BTB series/Wide mouth ferrule top bottle is ideal for storage and transfer of liquid, solid, powder, intermediate, and finished goods. Since the opening is using the clamp joint, air tightness is very high and sanitary nature is good.



- Bottle size has the abundant kinds of 0.5L to 20L.
- T316L stainless steel with corrosion-resistant is being used as standard.
- Surface finish is buff polish. Welded is seamless. Electrolysis polish is possible as an option.
- The material of gasket is platinum-cured silicon with little dissolution thing comparing with general silicone rubber.
- Other materials of gasket are possible.

PSF series

Thin mouth ferrule top bottles

The interior of thin mouth bottle is buff polishing. Clamp opening is for sanitary, air/water-tight seal.

PSF series/Thin mouth ferrule top bottle is the optimum stainless steel bottles for storage and shipping, or transfer of medicine.

Since the opening is using the clamp joint, sanitary nature and air tightness is very high.

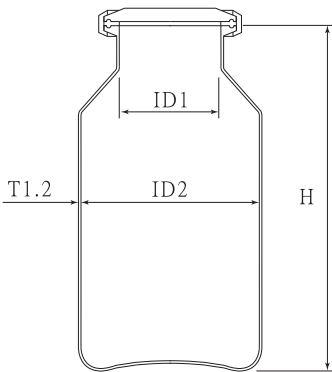
The big feature of this bottle is that the finish of inside of bottle is buff polish and welded is seamless in spite of thin mouth.



- Bottle size has the abundant kinds of 0.5L to 20L.
- The material is T316L stainless steel.
- Surface finish is buff polish. Welded is seamless.
- The material of gasket is platinum-cured silicon. It has little dissolution thing to compare with general silicone rubber.
- Other materials of gasket are possible.

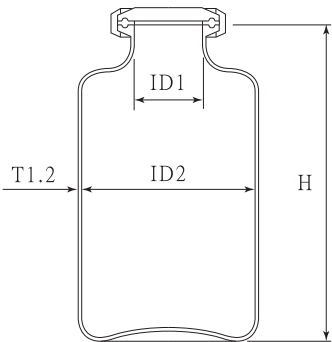
Cautions: Pressurization and decompression cannot be performed in bottle.

- Capacity: 0.5L-20L
- Material: T316L stainless steel
- Material of gasket: Platinum-cured silicone
- Gasket Option: NBR, EPDM, FPM, PTFE
- Finish: Buff polish / welded is seamless (option: electrolysis polish)
- Use Range: A low vacuum - 0.05MPa



Model	Capacity (L)	ID1 (mm)	ID2 (mm)	H (mm)	Weight (kg)
BTB-8	0.5	47.8	80	150	0.73
BTB-10	1	72.3	100	180	1.19
BTB-12	2	97.6	120	228	1.95
BTB-16	5	97.6	160	313	2.65
BTB-21	10	97.6	210	363	3.47
BTB-27	20	97.6	270	443	4.91

- Capacity: 0.2L-20L
- Material: T316L stainless steel
- Material of gasket: Platinum-cured silicone
- Gasket Option: NBR, EPDM, FPM, PTFE
- Finish: Buff polish / welded is seamless



Model	Capacity (L)	ID1 (mm)	ID2 (mm)	H (mm)	Weight (kg)
PSF-8	0.5	34.5	80	168	0.67
PSF-10	1	47.2	100	208	0.98
PSF-12	2	47.2	120	253	1.31
PSF-18	5	47.2	180	298	2.08
PSF-22	10	47.2	220	383	3.02

PS series

Thin mouth screw top bottles

The stainless steel bottle of thin mouth screw top.

Even if it drops, it does not damage like a glass bottle.

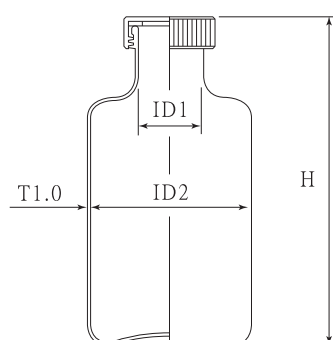
PS series/Thin mouth screw top bottle, a cap is the screw type, so it can be tightened up simply. Even if it drops, it does not damage like a glass bottle. It is the best for storage of medicine.

- Bottle size has the abundant kinds of 0.2L to 20L.
- Material is T304 stainless steel.
- Surface finish of outside is buff polish, and inside is pickling.
- Material of a gasket: The chemical-resistant better fluorine-resin is being used.

Cautions: Pressurization and decompression cannot be performed in bottle.



- Capacity: 0.2L-20L
- Material : T304 Stainless Steel
- Material of Gasket: Fluorine-resin
- Finish: Outside buff polish, inside pickling



Model	Capacity (L)	ID1 (mm)	ID2 (mm)	H (mm)	Weight (kg)
PS-6	0.2	28	60	124	0.24
PS-8	0.5	28	80	165	0.38
PS-10	1	41	100	206	0.59
PS-12	2	41	120	258	0.84
PS-18	5	41	180	319	1.52
PS-22	10	41	220	386	2.16

BK-SMA series

Sanitary beakers

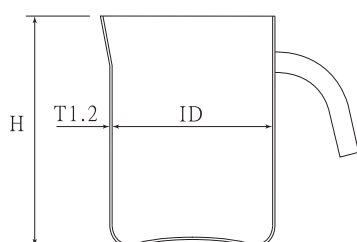
Washing nature is excellent in seamless

BK-SMA series/Sanitary beaker improved washing nature substantially, because dead space is small.

It is a ideal for the sanitary spot, such as medicine manufacture, biotechnology, and cosmetics industry.



- Capacity: 1L-4L
- Material: T316L stainless steel
- Finish: Buff polish / Welded is seamless (option: electrolysis polish)



Model	Capacity (L)	ID (mm)	H (mm)	Weight (kg)
BK-SMA-10	1	100	145	0.54
BK-SMA-12	2	120	190	0.81
BK-SMA-16	4	160	220	1.22

Specification change and custom modifications

Specification change or custom modifications of the each series containers can be did to meet customer's demands.



Change of container height

The height of container is changed according to the capacity and the space at the time of use.

As to the container with legs, you can change the height of leg.



Fitting of piping and parts

Various sanitary piping and parts can be processed at the body and the lid of standard container.

Connecting can be processed with the other equipments and facilities.

Keeping-warm jacket / Mixing unit

The jacket for keeping warm can be attached in container body , or a mixer can be attached in the lid of container.



Other special manufactures can also be performed.

Based on custom's needs, we also manufacture stainless steel containers other than standardized goods. Moreover, we also do joint with you on development of new product.



1. Inquiry, Estimate, and Order Methods

The inquiry, estimate, and order about a product can be did in a telephone (+81-3-3668-3618) and fax (+81-3-3668-3617). Please use E-mail (pan@sankoastec.co.jp) simply. The staff with abundant experience is happy to take your inquiry, estimate, or order. English, Chinese, and Japanese are possible.

2. Trading conditions

The details of trading conditions should look at price list.

3 About products printing in catalog

The specification and price of products may be changed without notice according to a various situation. Please approve beforehand.

4. Limited Warranty

Seller warrants that product is free from defects in materials and workmanship at the time of shipment, and to be in compliance with the pertinent, applicable industry standards. Seller's liability under this warranty shall be solely limited to repair, replacement or credit, at seller's option, with respect to items returned to seller at buyer's expense within forty-five days after shipment. Seller shall not be liable, under any circumstances, for consequential of incidental damage, including, but not limited to, personal injury, labor costs or loss of profits.



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