

Founded in 2000, **ISN Technology** is a company that, thanks to decades of experience in the production plants for industry for the pharmaceutical industry of its founder, produces and sells components for the pharmaceutical, homeopathic, cosmetic, chemical and food industries.



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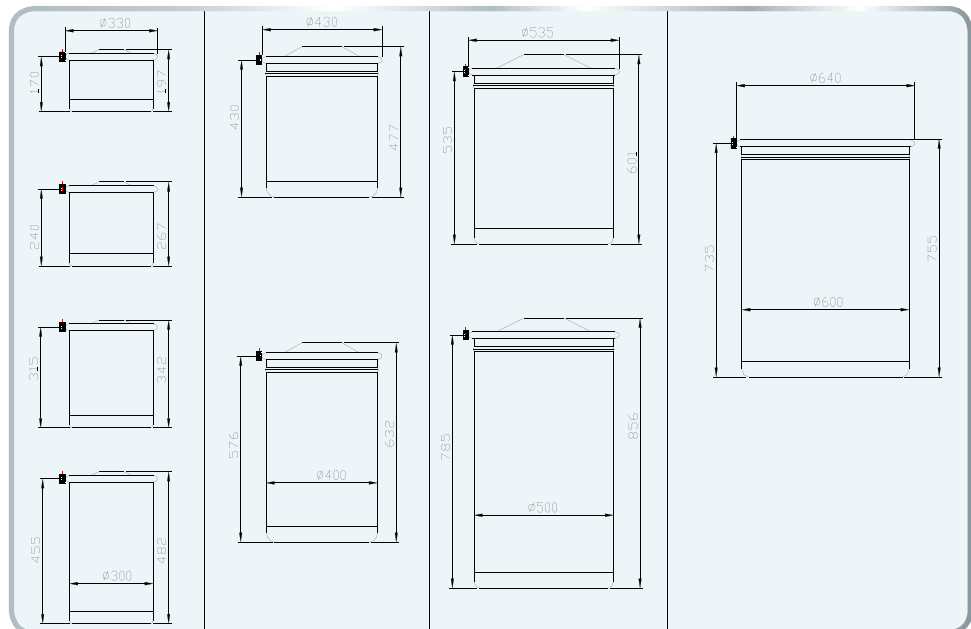
DRUMS

Made of S.S. AISI 316 L according to CGMP, lower bottom with radial edge to facilitate cleaning operations, Silicon gasket easily removable with FDA certification, top cover with coned or closed flat with S.S. clamp. Standard mirror polish inside and sanitized outside. Completely remove internal and external welding. By mounting the cover-up, the drums can be stacked.

STANDARD CAPACITY FROM 10 TO 200 Ltrs

Other different capacities and models on request.

DIMENSIONAL SCHEME



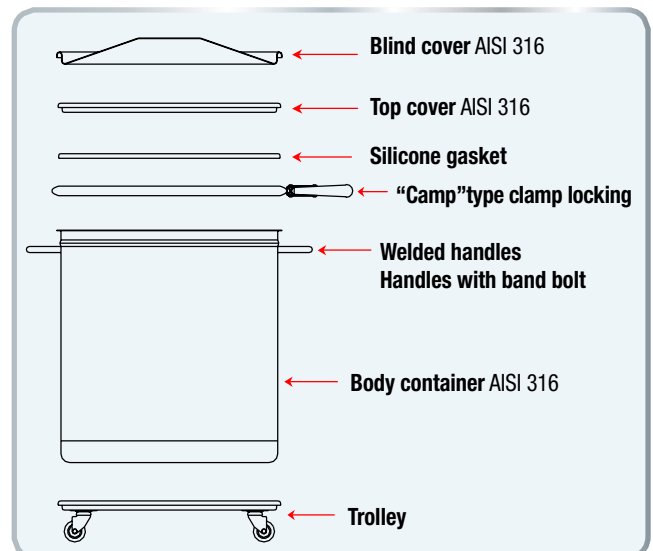
TECHNICAL SPECIFICATIONS

Capacity	Diameter Ø	Thick. Bottom	Thick. Body	Height Body
1 LT	150 mm	1,2 mm	1,2 mm	65 mm
2 LT	150 mm	1,2 mm	1,2 mm	125 mm
5 LT	200 mm	1,2 mm	1,2 mm	170 mm
8 LT	200 mm	1,2 mm	1,2 mm	255 mm
10 LT	300 mm	1,2 mm	1,2 mm	170 mm
15 LT	300 mm	1,2 mm	1,2 mm	240 mm
20 LT	300 mm	1,2 mm	1,2 mm	315 mm
30 LT	300 mm	1,2 mm	1,2 mm	455 mm
50 LT	400 mm	1,2 mm	1,2 mm	530 mm
70 LT	400 mm	1,2 mm	1,2 mm	576 mm
100 LT	500 mm	1,5 mm	1,2 mm	535 mm
150 LT	500 mm	1,5 mm	1,2 mm	785 mm
200 LT	600 mm	1,5 mm	1,5 mm	735 mm

On request drums with volume greater than 200 Lt with ϕ 800 and ϕ 900 mm

In the dimensional scheme the diameters of the drums are fixed, while the heights can be customized.

COMPONENT CODE



DETAIL



Upper part detail to support and locking lid.

Easier and more complete cleaning



Flat lid Detail with S. S. locking clamp

OPTIONAL



Stainless steel trolley with wheels for transportation.
 The wheels can also be provided with brakes



Flat lid resting.

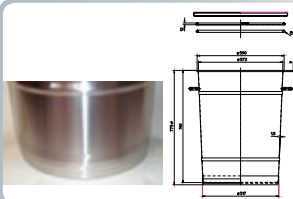


Handles for transport.

The handles can be welded on the body of drum or mounted with a band screwed.



Available on request edging perimeter reinforcement



Manufacturing customized:

- ⇒ conical drums
- ⇒ lower bottom fully welded perimeter
- ⇒ drums design.



Hopper for loading / unloading product with butterfly valves and logs vent



Painted S.S. lifters and manipulators



FDA-certified Polyethylene protection cap for temporary closure of containers

PROCESS TANKS

Thermo-conditioned process tanks, wheeled dissolvers, insulated storage tanks, PED pressure tanks, turbo-emulsion mixers, ATEX-compliant tanks, special tanks for laboratories.

Following some of our achievements and projects:



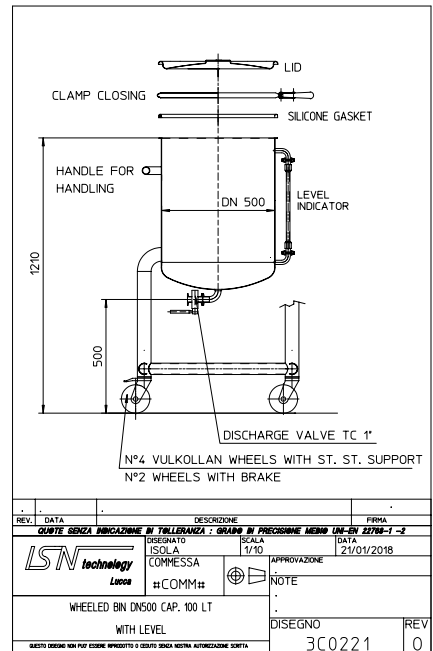
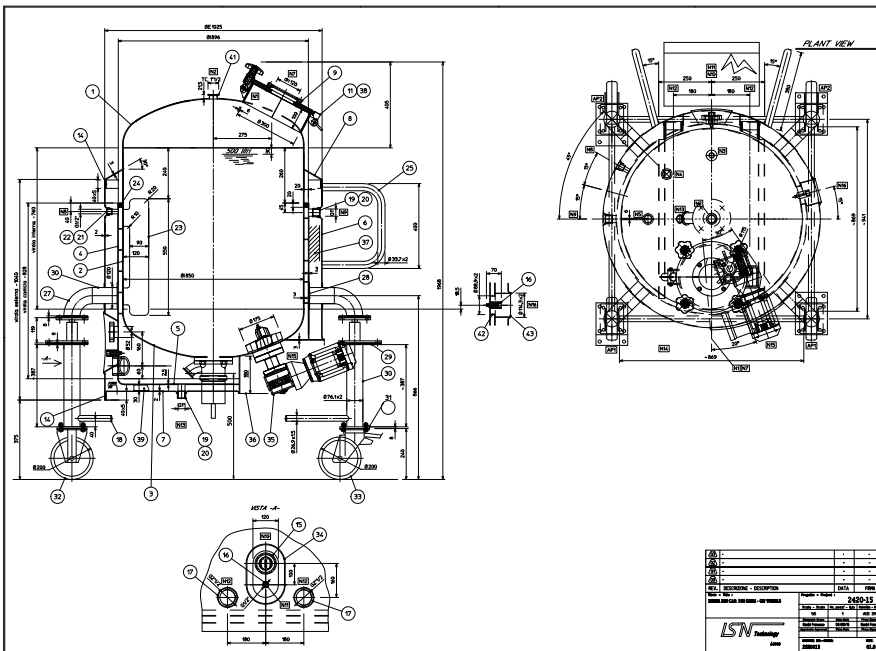
POWDER CONTAINERS WITH SQUARE OR RECTANGULAR SECTIONS



CONTAINERS FOR LIQUIDS GEL / CRÈME



CUSTOMIZED DRAWING



STERIL BOTTLES

Our STERIL containers are designed and manufactured to meet the CGMP and F.D.A. regulations. The accurate internal and external finish, the type of construction and the weight make these containers particularly suitable for handling active products. The upper nozzle made with a Tri-Clover 4 "(Ø 101.6 mm) or 6" (Ø 152.4 mm) ferrule allows in fact the installation of high containment valves.

Polish finish Bottles ISN 614 (AISI 316)



Volume	Diameter	Height
1 Litre	104 mm	152 mm
2 Litres	104 mm	227 mm
5 Litres	164 mm	316 mm
10 Litres	215 mm	364 mm
20 Litres	275 mm	440 mm

Satin finish Bottles ISN 625 (AISI 316)



Volume	Diameter	Height
1 Litre	130 mm	107 mm
2 Litres	130 mm	182 mm
5 Litres	180 mm	255 mm
10 Litres	220 mm	394 mm
20 Litres	305 mm	394 mm

Double Cap Bottles ISN417 (AISI 316)



Volume	Diameter	Height
1 Litre	104 mm	182 mm
2 Litres	104 mm	257 mm
5 Litres	164 mm	346 mm
8 Litres	212 mm	313 mm
10 Litres	215 mm	394 mm
15 Litres	275 mm	360 mm
20 Litres	275 mm	470 mm

Slim Bottles TC2" ISN836 (AISI 316)



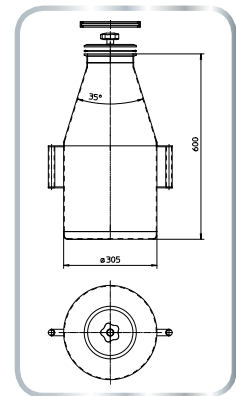
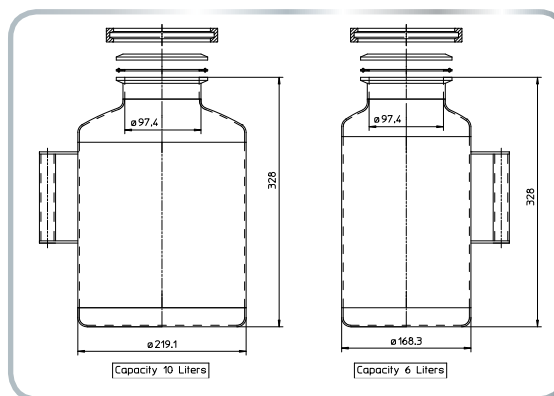
Volume	Diameter	Height
250 ml	83 mm	103 mm
500 ml	83 mm	153 mm
1000 ml	102 mm	183 mm

Screw Cap Bottles ISN 846 (AISI 316)



Volume	Diameter	Height
500 ml	48 mm	154 mm
1000 ml	48 mm	175 mm

Customized Bottles (AISI 316 - AISI 304)



Applicable Valves



STERIL MINI VESSELS

Vessels ISN 624 (AISI 316)

Technical characteristics:

Material: AISI 316L

Glossy internal finish, glossy external finish.

With screw cap.

Sharp edges completely smoothed.

Made monobloc.



Volume	Diameter	Height
7 ml	16 mm	45 mm
25 ml	38 mm	40 mm
50 ml	50 mm	50 mm
100 ml	50 mm	71 mm
250 ml	75 mm	75 mm
500 ml	100 mm	80 mm
750 ml	100 mm	117 mm
1000ml	100 mm	155 mm

Vessels ISN736 (AISI 316)



Volume	Diameter	Height
500 ml	80 mm	97 mm
1000 ml	147 mm	145 mm
2000 ml	150 mm	150 mm
3000 ml	200 mm	100 mm

STANDARD CONTAINERS AISI 304

Stainless steel containers in AISI 304. We offer various types for dosing, transport and storage of products. The following types are representative, to receive the complete catalog contact our sales department.

Containers 3003 - 3005 - 3008



Part No.	Ø	Height	Thickness	Capacity
3003/001	10 cm	15,5 cm	0,8 mm	1 L
3003/002	13 cm	17 cm	0,8 mm	2 L
3003/003	15,5 cm	18 cm	0,8 mm	3 L
3003/805	17,5 cm	22 cm	0,8 mm	5 L
3005/010	24 cm	25 cm	0,8 mm	10 L
3005/012	24 cm	28,5 cm	0,8 mm	12 L
3005/015	27 cm	29 cm	0,8 mm	15 L
3008/020	26,5 cm	39 cm	1,0 mm	20 L
3008/025	30 cm	39 cm	1,0 mm	25 L
3008/030	30 cm	46 cm	1,0 mm	30 L
3008/050	34 cm	55,5 cm	1,0 mm	50 L
3008/075	40 cm	62 cm	1,0 mm	75 L
3008/100	45 cm	67 cm	1,1 mm	100 L
3008/150	55 cm	65 cm	1,2 mm	150 L

Graduated Containers 3100



Part No.	Ø	Height	Thickness	Capacity
3100/010	24 cm	26 cm	0,8 mm	10 L
3100/015	27 cm	30 cm	0,8 mm	15 L
3100/020	27 cm	40 cm	0,8 mm	20 L

Ability to supply steel cover

Containers 3031



Part No.	Ø	Height	Thickness	Capacity
3031/001	10 cm	16 cm	0,8 mm	1 L
3031/002	13,5 cm	19 cm	0,8 mm	2 L
3031/003	15 cm	21 cm	0,9 mm	3 L
3031/005	18 cm	26 cm	0,9 mm	5 L

Buckets 419



Part No.	Capacity	Ø	Height
419/010	10 L	26 cm	29 cm
419/012	12 L	27,5 cm	32 cm
419/015	15 L	30 cm	30 cm
419/020	20 L	32 cm	38 cm

Graduate Carafes 520



Part No.	Capacity	Ø Int.	Height
520/060*	0,7 L	10 cm	10 cm
520/130*	1,3 L	12 cm	12 cm
520/210**	2,1 L	1 cm	14 cm
520/320**	3,2 L	16 cm	16 cm
520/450***	4 L	8 cm	18 cm
520/620***	5 L	20 cm	20 cm

Micro Containers



Part No.	Capacity	Diameter	Height
1430/005	0,15 L	6 cm	7,5 cm
1424/005	0,3 L	7 cm	9,5 cm



Part No.	Capacity	Diameter	Height
1421/070	0,3 L	7 cm	9,5 cm
1421/135	0,5 L	7 cm	13,5 cm
1421/175	0,6 L	7 cm	18,5 cm

CONTAINERS FOR FLAMMABLE/ HAZARDOUS LIQUIDS

for in-plant use

- safely protect you while working with flammable liquids and other hazardous goods in laboratories and industrial production
- are reusable and exceptionally durable
- are resistant to chemicals due to high quality stainless steel and gaskets from polytetrafluoroethylene (PTFE)
- are explosion-proof due to flame traps, pressure control valves and self-closing metering devices / taps
- comply with the requirements of major norms (e.g. TÜV, Factory Mutual (FM), etc.)
- are recommended by occupational health and governmental safety organizations
- are quality products "Made in Germany"



- For safe metering and handling of smaller amounts of flammable liquids at the work place
- Made of 0.6 mm strong stainless steel, gaskets of PTFE, handles of powder-coated aluminium
- Available as laboratory edition (electro-polished, optic as above) or industrial edition (unpolished).

for in-plant use



- For safe storage, metering and handling of flammable liquids
- Made of 0.8 mm strong stainless steel, gaskets of PTFE, handles also made of stainless steel
- Canister's shape maximizes the usage of limited storage space, e.g. in safety cabinets
- Canisters with self-closing taps for horizontal storage and decanting; with separate ventilation screw
- For safe storage of larger amounts of hazardous goods or for decanting and metering
- Made of 0.8 to 1.5 mm strong stainless steel (volume dependent)
- 25l- and 50l-barrels are stackable
- Gaskets of PTFE, content level indicators of perfluoroalkoxy copolymers (PFA)
- Also available with 100l or 200l capacity

Safety transportation containers

for transports (UN-certified)



- Special containers for the safe transport of hazardous goods on all public traffic routes
- Accredited for UN-transports according to ADR, RID, IMDG Code and ICAO-TI resp. GGVSEB and GGVSee – for all classes of hazardous goods (packaging group X)
- Made of 0.6 to 1.2 mm strong stainless steel (type dependent), gaskets of PTFE
- With flame trap and screw cap without pressure control valve as a standard – also available with pressure control valve (order number supplemented with “V”, e.g. 10KTV)
- Equipped with self-closing tap Z150, 25TZ may also be used in horizontal position

Stainless steel funnels

for DIN-plastic canisters, combi barrels, 2"-barrels and all Roetzmeier safety containers

Safety funnels for plastic canisters



Safety funnels for collection barrels



Plug-in funnels



- Safety funnels are screwed on containers (continuous grounding), have an additional earth connection, an overflow protection, a flame trap and a closure head for vapour reduction
- Safety funnels type TK designed for safe and comfortable filling of DIN-plastic containers
- Safety funnels TS and T182 for combi-barrels (buttress thread)
- Plug-in funnels inserted in Roetzmeier safety containers without screw connection

Accessories

for safety containers



PLASTIC CONTAINERS



Made of high-density white polyethylene, withstanding temperatures from -30 ° C to + 60 ° C, certified for food use, stackable.

Container

Part No.	Capacity	Int. diameter	Height
3075/035	35 L	34,5 cm	41 cm
3075/050	50 L	40 cm	47 cm
3075/075	75 L	44,5 cm	57 cm
3075/100	100 L	47 cm	67 cm



Cover

Part No.	Int. diameter
3075/903	34,5 cm
3075/905	40 cm
3075/907	44,5 cm
3075/910	47 cm



Made of high-density white polyethylene, withstanding temperatures from -30 ° C to + 60 ° C, certified for food use, stackable, with lid sealed using galvanized steel clamp.

Container

Part No.	Capacity	Int. diameter	Height
3074/075	75 L	50 cm	60 cm
3074/100	100 L	50 cm	70 cm





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