

Сосуды Дьюара CARL ROTH C, G-C, GSS, B, B-E, SnowPack

Технические характеристики

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Киргизия (996)312-96-26-47

Dewar containers

Dewar vacuum flask cylindrical

KGW. Material: Metal blue-coated, borosilicate glass 3.3 insert, fully silver-plated.

For storage and internal transport of samples in coolants, such as liquid nitrogen.



Delivery without plug, please order separately.

Type C

Technical specifications:

Art. No.	LE85.1	0440.1	0441.1	LE86.1	LE87.1	1003.1	LE88.1
Ø Internal	40 mm	57 mm	77 mm	90 mm		110 mm	138 mm
Inner height	90 mm	210 mm	235 mm	245 mm	340 mm	290 mm	310 mm

Type	Vol. (ml)	Outer height (mm)	Art. No.	Pack Qty.	
00C	100	135	LE85.1	1 unit(s)	
3C	500	260	0440.1	1 unit(s)	
9C	1,000	290	0441.1	1 unit(s)	
12C	1,500	300	LE86.1	1 unit(s)	
13C	2,000	390	LE87.1	1 unit(s)	
18C	2,500	345	1003.1	1 unit(s)	
S21C	4,000	375	LE88.1	1 unit(s)	

Type G-C

With side grip.

Technical specifications:

Art. No.	LE89.1	LE90.1	LE91.1	LE92.1	LE93.1	LE94.1	LE95.1	LE96.1
Ø Internal	40 mm	57 mm	77 mm	90 mm		110 mm	138 mm	
Inner height	170 mm	210 mm	235 mm	245 mm	340 mm	290 mm	310 mm	600 mm

Type	Vol. (ml)	Outer height (mm)	Art. No.	Pack Qty.	
G0C	200	215	LE89.1	1 unit(s)	
G3C	500	260	LE90.1	1 unit(s)	
G9C	1,000	290	LE91.1	1 unit(s)	
G12C	1,500	300	LE92.1	1 unit(s)	
G13C	2,000	390	LE93.1	1 unit(s)	
G18C	2,500	345	LE94.1	1 unit(s)	
GS21C	4,000	375	LE95.1	1 unit(s)	
GS22C	8,000	660	LE96.1	1 unit(s)	

Accessories plug for Dewar vacuum flask cylindrical

KGW. Material: PU.

Rests loosely on top.

Suitable for	Art. No.	Pack Qty.	
Dewar vacuum flask 100 ml (LE85.1)	LE97.1	1 unit(s)	
Dewar vacuum flask 1000 ml (0441.1/LE91.1)	LH00.1	1 unit(s)	
Dewar vacuum flask 1500 ml (LE86.1/LE92.1)	LH01.1	1 unit(s)	
Dewar vacuum flask 200 ml (LE89.1)	LE98.1	1 unit(s)	
Dewar vacuum flask 2000 ml (LE87.1/LE93.1)	LH02.1	1 unit(s)	
Dewar vacuum flask 2500 ml (1003.1/LE94.1)	LH03.1	1 unit(s)	
Dewar vacuum flask 4000 ml (LE88.1/LE95.1)	LH04.1	1 unit(s)	
Dewar vacuum flask 500 ml (0440.1/LE90.1)	LE99.1	1 unit(s)	
Dewar vacuum flask 8000 ml (LE96.1)	LH05.1	1 unit(s)	



Dewar containers

Dewar vessel stainless steel

KGW. Material: Stainless steel.

For the safe handling of coolants and freezing mixtures such as liquid nitrogen or dry ice.

- Cylindrical
- Easy to use
- High mechanical breaking strength



Delivery without plug, please order separately.

DSS

From 1000 ml capacity with removable carrying handle.

Technical specifications:

Art. No.	3628.1	3635.1	3651.1	3653.1	3655.1	3669.1
Ø Internal	65 mm	85 mm	100 mm		185 mm	
Inner height	180 mm	206 mm	157 mm	285 mm	160 mm	270 mm

Type	Vol. (ml)	Outer height (mm)	Art. No.	Pack Qty.
DSS 500	500	203	3628.1	1 unit(s)
DSS 1000	1,000	231	3635.1	1 unit(s)
DSS 1000 W	1,000	177	3651.1	1 unit(s)
DSS 2000	2,000	312	3653.1	1 unit(s)
DSS 3000	3,000	190	3655.1	1 unit(s)
DSS 6000	6,000	300	3669.1	1 unit(s)

GSS

With grip and handle.

Technical specifications:

Art. No.	A632.1	A633.1	A634.1
Ø Internal	85 mm	100 mm	185 mm
Inner height	206 mm	285 mm	160 mm

Type	Vol. (ml)	Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.
GSS 1000	1,000	107	231	A632.1	1 unit(s)
GSS 2000	2,000	122	312	A633.1	1 unit(s)
GSS 3000	3,000	200	190	A634.1	1 unit(s)

Accessories plug for Dewar vessel made of stainless steel

KGW. Material: PU.

Rests loosely on top.

Suitable for	Art. No.	Pack Qty.
Dewar vessel, 500 ml (3628.1)	XX13.1	1 unit(s)
Dewar vessel, 1000 ml (3635.1/A632.1)	XX14.1	1 unit(s)
Dewar vessel, 1000 ml (W) and 2000 ml (3651.1/3653.1/A633.1)	XX15.1	1 unit(s)
Dewar vessel 3000 ml and 6000 ml (3655.1/3669.1/A634.1)	XX16.1	1 unit(s)

Dewar containers

Dewar transport vessel

KGW.

Suitable for storage and transport of heat-sensitive samples in coolants, such as liquid nitrogen.

When using gassing coolants, a hole must be made in the lid (central; Ø approx. 2 mm).



Technical specifications:

Art. No.	0442.1	HT40.1	HT39.1	HT41.1	1098.1	HT42.1	1099.1	HT43.1
Evaporation rate	1.1 l liquid N ₂ /d		1.7 l liquid N ₂ /d		1.5 l liquid N ₂ /d		1.3 l liquid N ₂ /d	
Ø Internal	100 mm		138 mm					
Inner height	150 mm		170 mm		230 mm		310 mm	

(1) Type B (Metal sleeve, blue)

Material: Metal blue-coated, borosilicate glass 3.3 insert, fully silver-plated, lid made of insulated plastic, aluminium handle.

Type	Vol. (l)	Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.
26 B	1	132	215	0442.1	1 unit(s)
27 B	2	170	245	HT39.1	1 unit(s)
28 B	3	170	305	1098.1	1 unit(s)
29 B	4	170	385	1099.1	1 unit(s)

(2) Type B-E (Stainless steel sleeve)

Material: Stainless steel borosilicate glass 3.3 insert, fully silver-plated, lid made of insulated plastic, aluminium handle.

Type	Vol. (l)	Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.
26 BE	1	132	215	HT40.1	1 unit(s)
27 BE	2	170	245	HT41.1	1 unit(s)
28 BE	3	170	305	HT42.1	1 unit(s)
29 BE	4	170	385	HT43.1	1 unit(s)

Dewar vessel spherical

KGW. Material: Metal (Aluminium casing, brushed), borosilicate glass 3.3 insert, fully silver-plated.

For storing liquid nitrogen. Glass insert is wrapped in foam rubber to prevent breakage.

- Low evaporation rate
- High stability



Technical specifications:

Art. No.	C369.1	C370.1	C371.1	C372.1
Evaporation rate	0.2 l liquid N ₂ /d	0.4 l liquid N ₂ /d		0.6 l liquid N ₂ /d
Ø Inner neck	30 mm	60 mm		65 mm
Inner height	235 mm	305 mm	350 mm	380 mm

Delivery incl. handle and insulating lid (loose-fit).

Type	Vol. (l)	Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.
21 AL	1	175	300	C369.1	1 unit(s)
22 AL	3	225	380	C370.1	1 unit(s)
23 AL	5	260	450	C371.1	1 unit(s)
24 AL	10	330	480	C372.1	1 unit(s)



Dewar containers

Dewar vessel dish-shaped

KGW. Material: Aluminium, Borosilicate glass 3.3 insert, fully silver-plated.

For liquid and solid media and solids (LN₂ or CO₂). Anti-magnetic.

Application:

- Tempering of round-bottom flasks
- Cooling of small samples
- Hot or cold bath
- Suitable for use on magnetic stirrers



Technical specifications:

Art. No.	LH06.1	C610.1	C611.1	C612.1	C613.1	LH07.1
Ø Internal	67 mm	77 mm	110 mm	138 mm	170 mm	200 mm
Inner height	40 mm	50 mm	70 mm	80 mm	110 mm	125 mm

Type	Vol. (ml)	Outer height (mm)	Art. No.	Pack Qty.
SCH 6 CAL	80	75	LH06.1	1 unit(s)
SCH 9 CAL	120	90	C610.1	1 unit(s)
SCH 18 CAL	400	115	C611.1	1 unit(s)
SCH 20 CAL	800	125	C612.1	1 unit(s)
SCH 30 CAL	1,600	145	C613.1	1 unit(s)
SCH 31 CAL	2,700	160	LH07.1	1 unit(s)

Dewar vessel

Nalgene. Material: HDPE, double walls filled with polyurethane foam. Suitable for safe short-term handling and storage of liquid nitrogen, dry ice, freezing mixtures and iced water. Shatter-proof. Temperature stability: -196 to +100 °C.

- Vented, insulating lid
- Metal clips to secure the lid
- With moulded-in ribs
- Pour spout and bottom grip area
- Container with carrying handle (except for 10 l)



Technical specifications:

Art. No.	PP15.1	PP16.1	PP17.1	PP18.1
Ø Internal	96 mm	122 mm	158 mm	198 mm
Inner height	195 mm	231 mm	295 mm	396 mm

Vol. (l)	Art. No.	Pack Qty.
1	PP15.1	1 unit(s)
2	PP16.1	1 unit(s)
4	PP17.1	1 unit(s)
10	PP18.1	1 unit(s)

Dewar containers

Dry ice machine SnowPack®

Bürkle.

Various possible applications, such as lowering the temperature in cooling baths or cold traps, pre-cooling tissue samples, transport lock or embedding biological substances, freezing blood and tissue samples, or studies in chemistry and physics.

Suitable for use with any commercial CO₂ steel bottle with a standpipe valve (W 21.80 x 1/14" in according to DIN 477 no. 6).



Handling:

Connect to a CO₂ bottle, open valve, allow CO₂ to flow through, close valve, open the lock and remove the block.

Series 250

Dry ice machine for 250 g block

- Yield from 22 kg gas bottle: Approx. 16 blocks
- To make a -79 °C block of dry ice weighing 250 g within ~1 min

Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.	
80	60	9285.1	1 unit(s)	

Series 50

Dry ice machine for 50 g block

- Yield from 22 kg gas bottle: Approx. 90 blocks
- To make a -79 °C block of dry ice weighing 50 g within ~0.5 min

Ø ext. (mm)	Outer height (mm)	Art. No.	Pack Qty.	
50	30	9282.1	1 unit(s)	

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