

# Ступки с пестиком лабораторные CARL ROTH ROTILABO, Mini-Cryo

## Технические характеристики

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# Mortars and graters



## Mortars with pestle high form

ROTH SELECTION. Material: Agate. Autoclavable: Yes.  
Inside surface polished. Minimum abrasion.  
Dimensions are approximate values.

Vol. (ml)	Ø ext. (mm)	Ø Internal (mm)	Height (mm)	Art. No.	Pack Qty.
25	60	50	36	TP10.1	1 set
40	70	55	42	TP11.1	1 set
65	80	65	53	TP12.1	1 set
100	90	70	56	TP13.1	1 set
125	100	80	61	TP14.1	1 set
250	130	110	72	TP15.1	1 set



## Mortars with pestle

Usbeck. Material: Stainless steel 18/10, Powder-coated steel.  
Mortar and pestle head made of stainless steel 18/10, mortar frame and pestle handle made of powder-coated steel. Smooth friction surfaces. Heavy-duty design, with anti-slip feet.  
**Note:** not autoclavable, not suitable for dishwashers. Do not immerse in water.

Vol. (ml)	Ø ext. (mm)	Ø Internal (mm)	Height (mm)	Art. No.	Pack Qty.
165	100	90	60	LL28.1	1 unit(s)
330	135	125	80	LL29.1	1 unit(s)
450	160	150	90	LL30.1	1 unit(s)



## Mortars ROTILABO®

ROTH SELECTION. Material: Stainless steel, with plastic foot.  
Heavy duty. Suitable for foodstuffs.

Delivery incl. pestle, length 175 mm.

Ø Inner upper (mm)	Height (mm)	Art. No.	Pack Qty.
110	80	YX96.1	1 unit(s)



## Mortars

Vitlab. Material: MF.

With spout. Colour: White. Smooth friction surface prevents accumulation of sample residues and cross-contamination. Microwave safe. Withstands temperatures from -40 to +110 °C.

Delivery without pestle, please order separately.

Vol. (ml)	Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.
300	125	75	PY55.1	1 unit(s)
500	150	90	PY56.1	1 unit(s)



## Accessories pestle for MF mortar

Vitlab. Material: MF.

Heavy-duty design, with smooth head. Colour: White. Temperature-stable between -40 and +110 °C.

Ø Head (mm)	Length (mm)	Weight (g)	Art. No.	Pack Qty.
30	125	55	PY57.1	1 unit(s)
35	145	85	PY58.1	1 unit(s)
40	160	120	PY59.1	1 unit(s)
42	215	175	PY60.1	1 unit(s)



# Mortars and graters



## Mortars 55 rough

Haldenwanger. Material: Porcelain, glazed.

**Rough friction surface** (non-glazed).

Version	Vol. (ml)	Ø Internal (mm)	Height (mm)	Art. No.	Pack Qty.
00	20	50	32	<b>XL89.1</b>	1 unit(s)
0a	70	65	40	<b>1567.1</b>	1 unit(s)
1	75	70	45	<b>3773.1</b>	1 unit(s)
2	100	80	50	<b>3782.1</b>	1 unit(s)
3	170	90	55	<b>1568.1</b>	1 unit(s)
4	300	115	63	<b>3820.1</b>	1 unit(s)
5	400	130	65	<b>3823.1</b>	1 unit(s)
6a	700	150	70	<b>3824.1</b>	1 unit(s)
8	1,000	180	80	<b>3826.1</b>	1 unit(s)
11	2,600	240	100	<b>XL90.1</b>	1 unit(s)
15	6,000	330	140	<b>XL91.1</b>	1 unit(s)



## Pestle 56 rough

Haldenwanger. Material: Porcelain, glazed.

**Rough friction surface** (non-glazed).

Version	Ø Head (mm)	Height (mm)	Art. No.	Pack Qty.
00	24	115	<b>1570.1</b>	1 unit(s)
0a	28	125	<b>3831.1</b>	1 unit(s)
1	30	135	<b>1571.1</b>	1 unit(s)
2	36	150	<b>3832.1</b>	1 unit(s)
3	42	175	<b>3836.1</b>	1 unit(s)
4	45	180	<b>XL92.1</b>	1 unit(s)
5	48	185	<b>3839.1</b>	1 unit(s)
6a	55	210	<b>3841.1</b>	1 unit(s)
8	60	215	<b>XL93.1</b>	1 unit(s)



## Mortars 55 smooth

Haldenwanger. Material: Porcelain, glazed.

**Smooth friction surface** (glazed), prevents sample residues and cross-contaminations.

Version	Vol. (ml)	Ø Internal (mm)	Height (mm)	Art. No.	Pack Qty.
00	20	50	32	<b>XL96.1</b>	1 unit(s)
0a	70	65	40	<b>XL97.1</b>	1 unit(s)
3	170	90	55	<b>XL98.1</b>	1 unit(s)
6a	700	150	70	<b>XL99.1</b>	1 unit(s)
8	1,000	180	80	<b>XP00.1</b>	1 unit(s)



## Pestle 56 smooth

Haldenwanger. Material: Porcelain, glazed.

**Smooth friction surface** (glazed).

Version	Ø Head (mm)	Height (mm)	Art. No.	Pack Qty.
00	24	115	<b>XP01.1</b>	1 unit(s)
0a	28	125	<b>XP02.1</b>	1 unit(s)
1	30	135	<b>XP03.1</b>	1 unit(s)
3	42	175	<b>XP04.1</b>	1 unit(s)
6a	55	210	<b>XP05.1</b>	1 unit(s)
8	60	215	<b>XP06.1</b>	1 unit(s)

# Mortars and graters



## Mini-Cryo mortars with pestle

Bel-Art Products. Material: Stainless steel with insulating coat made of PE.

Container made of stainless steel with PE insulating jacket, reaction vial holder made of stainless steel with insulated, removable handle (L 102 mm). For filling with liquid nitrogen. Allows the homogenisation of plant material or tissue directly inside the 1.5 ml reaction vial.

**Delivery incl.** pestle (Ø 9 x L 127 mm) with PE handle.

Ø (mm)	Height (mm)	Art. No.	Pack Qty.
165	114	CXX6.1	1 unit(s)



## Cryo mortars

Bel-Art Products. Material: Stainless steel with insulating coat made of PE.

Container made of stainless steel with PE insulating jacket, mortar and pestle insert made of stainless steel with insulated, removable handle (length 102 mm). For filling with liquid nitrogen; cooling facilitates the crushing and homogenisation of plant material and similar samples, for example.

Dimensions: Ø 165 x H 114 mm. Mortar insert Ø inside 100 mm, height 48 mm.

**Delivery without** pestle, can be used with porcelain pestle Art. No. 3836.1 or XL92.1, for example.

Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.
165	114	CYH1.1	1 unit(s)



## Evaporating dishes

DWK Life Sciences. Material: DURAN® glass. Autoclavable: Yes. With spout. Acc. to DIN 12336.

Vol. (ml)	Ø Outer upper (mm)	Height (mm)	Art. No.	Pack Qty.
15	50	25	E540.1	10 unit(s)
45	60	30	E541.1	10 unit(s)
60	70	35	E542.1	10 unit(s)
90	80	45	E543.1	10 unit(s)
170	95	55	E544.1	10 unit(s)
320	115	65	E545.1	10 unit(s)
600	140	80	E546.1	1 unit(s)
1,500	190	100	E547.1	1 unit(s)
2,500	230	130	E548.1	1 unit(s)



## Evaporating dishes ROTILABO®

ROTH SELECTION. Material: PTFE. Autoclavable: Yes.

Flat shape. Chemically inert. Temperature stable from -200 to +250 °C. Anti-adhesive.

Vol. (ml)	Ø ext. (mm)	Height (mm)	Art. No.	Pack Qty.
25	42	25	T654.1	1 unit(s)
50	65	23	1188.1	1 unit(s)
100	80	28	1189.1	1 unit(s)
180	78	46	T655.1	1 unit(s)
350	100	55	1190.1	1 unit(s)

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