

Стержни магнитные и аксессуары CARL ROTH

Технические характеристики

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Казахстан (772)734-952-31

Киргизия (996)312-96-26-47

Magnetic rods and accessories



A 121 °C

Magnetic bars ROTILABO® triangular

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Ø (mm)	Length (mm)	Art. No.	Pack Qty.
6	12	1661.1	1 unit(s)
8	20	1662.1	1 unit(s)
8	25	5069.1	1 unit(s)
9	35	4557.1	1 unit(s)
12	50	1842.1	1 unit(s)
14	25	4551.1	1 unit(s)
14	40	1825.1	1 unit(s)
14	55	1843.1	1 unit(s)
14	80	1844.1	1 unit(s)



A 121 °C

Magnetic bars ROTILABO® with centre ring

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Cylindrical.

Ø (mm)	Length (mm)	Art. No.	Pack Qty.
3	8	1489.1	1 unit(s)
3	8	1489.2	10 unit(s)
4.5	12	1490.1	1 unit(s)
4.5	12	1490.2	10 unit(s)
4.5	15	1491.1	1 unit(s)
4.5	15	1491.2	10 unit(s)
6	20	1500.1	1 unit(s)
6	20	1500.2	10 unit(s)
6	25	1553.1	1 unit(s)
6	25	1553.2	10 unit(s)
6	30	1555.1	1 unit(s)
6	30	1555.2	10 unit(s)
6	35	1556.1	1 unit(s)
8	40	1600.1	1 unit(s)
8	45	1610.1	1 unit(s)
8	50	1613.1	1 unit(s)
10	60	1614.1	1 unit(s)
10	70	1659.1	1 unit(s)



A 121 °C

Magnetic bars ROTILABO® cylindrical

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Ø (mm)	Length (mm)	Art. No.	Pack Qty.
3	6	AKP1.1	1 unit(s)
3	6	AKP1.2	10 unit(s)
3	8	0989.1	1 unit(s)
3	8	0989.2	10 unit(s)
4.5	12	0999.1	1 unit(s)
4.5	12	0999.2	10 unit(s)
4.5	15	1204.1	1 unit(s)
4.5	15	1204.2	10 unit(s)
5	25	AKP8.1	1 unit(s)
5	25	AKP8.2	10 unit(s)
6	10	0994.1	1 unit(s)
6	10	0994.2	10 unit(s)
6	13	AKP2.1	1 unit(s)
6	13	AKP2.2	10 unit(s)
6	15	AKP5.1	1 unit(s)
6	15	AKP5.2	10 unit(s)
6	20	AKP6.1	1 unit(s)
6	20	AKP6.2	10 unit(s)
6	25	2152.1	1 unit(s)
6	25	2152.2	10 unit(s)
6	30	2153.1	1 unit(s)
6	30	2153.2	10 unit(s)
6	35	1292.1	1 unit(s)
6	35	1292.2	10 unit(s)
7	20	AKP7.1	1 unit(s)
7	20	AKP7.2	10 unit(s)
7	30	AKT0.1	1 unit(s)
7	30	AKT0.2	10 unit(s)
7	40	AKT2.1	1 unit(s)
7	40	AKT2.2	10 unit(s)
8	13	AKP3.1	1 unit(s)
8	13	AKP3.2	10 unit(s)
8	20	1237.1	1 unit(s)
8	20	1237.2	10 unit(s)
8	25	AKP9.1	1 unit(s)
8	25	AKP9.2	10 unit(s)
8	30	AKT1.1	1 unit(s)
8	30	AKT1.2	10 unit(s)
8	40	1306.1	1 unit(s)
8	40	1306.2	10 unit(s)
8	45	1309.1	1 unit(s)
8	45	1309.2	10 unit(s)
8	50	1482.1	1 unit(s)
8	50	1482.2	10 unit(s)
10	60	1486.1	1 unit(s)
10	60	1486.2	10 unit(s)
10	70	AKT3.1	1 unit(s)
10	70	AKT3.2	10 unit(s)
10	80	1487.1	1 unit(s)
10	80	1487.2	10 unit(s)
12	55	1484.1	1 unit(s)
12	120	1488.1	1 unit(s)



Magnetic rods and accessories



A 121 °C

Magnetic bars ROTILABO® elliptical

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
5	10	NK66.1	1 unit(s)	
6	15	NK67.1	1 unit(s)	
10	20	1848.1	1 unit(s)	
10	25	NK68.1	1 unit(s)	
10	30	NK69.1	1 unit(s)	
12	25	1849.1	1 unit(s)	
13	40	NK71.1	1 unit(s)	
16	30	1853.1	1 unit(s)	
16	35	1895.1	1 unit(s)	
20	40	1896.1	1 unit(s)	
20	50	1897.1	1 unit(s)	
20	64	1909.1	1 unit(s)	
20	70	1928.1	1 unit(s)	



A 121 °C

Magnetic bars ROTILABO® glass-coated

ROTH SELECTION. borosilicate glass-coated. Autoclavable: Yes.
Cylindrical. Smooth surface offering universal chemical resistance.
Temperature stable up to 350 °C.

Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
5	6	PK60.1	10 unit(s)	
5	12	PK61.1	10 unit(s)	
6	25	PK62.1	10 unit(s)	
8	45	PK63.1	10 unit(s)	
8	60	PK64.1	10 unit(s)	



A 121 °C

Magnetic bars KOMET

Thermo. PTFE-coated. Autoclavable: Yes.

Super-strong magnetic stirring rods. More than three times higher torque than conventional stirrers. For viscous media, high torques up to 2000 rpm and larger distances between the stirring rod and the magnetic stirrer. PTFE coated.

Type	Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
KOMET 15	9	15	Y823.1	1 unit(s)	
KOMET 30	12	29	Y824.1	1 unit(s)	
KOMET 50	21	50	Y825.1	1 unit(s)	
KOMET 90	24	90	Y826.1	1 unit(s)	



A 121 °C

Magnetic bars ROTILABO® dumbbell-shaped

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.
Exceptional stirring effect thanks to side stabilising sliding disc.

Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
8	35	1943.1	1 unit(s)	
8	55	1957.1	1 unit(s)	

Magnetic rods and accessories



A 121 °C

Magnetic bars ROTILABO® for test tubes

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Ø (mm)	Height (mm)	Art. No.	Pack Qty.	
9	6	LT59.1	1 unit(s)	
10	6	LT60.1	1 unit(s)	
20	10	LT61.1	1 unit(s)	
30	12	LT62.1	1 unit(s)	



A 121 °C

Magnetic bars ROTILABO® tablet-shaped

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Designation	Art. No.	Pack Qty.	
Tablet stirring magnet Ø 22 mm, H 15 mm	3003.1	1 unit(s)	
Tablet stirring magnet Ø 30 mm, H 12 mm	4490.1	1 unit(s)	
Tablet stirring magnet Ø 40 mm, H 14 mm	4517.1	1 unit(s)	



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Magnetic bars ROTILABO® cross-shaped

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

All-purpose magnetic bar with stable rotation position.

Ø (mm)	Height (mm)	Art. No.	Pack Qty.	
10	5	XA21.1	10 unit(s)	
20	8	XA22.1	10 unit(s)	
25	9	XA23.1	10 unit(s)	
30	10	XA24.1	10 unit(s)	
38	11	XA25.1	5 unit(s)	
50	15	XA26.1	5 unit(s)	
60	20	XA27.1	5 unit(s)	



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Magnetic bars ROTILABO® special

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Spherical

Type	Ø (mm)	Art. No.	Pack Qty.	
Ball-shaped magnet	12	LT63.1	1 unit(s)	

Ball-shaped stirring magnet

Type	Ø (mm)	Height (mm)	Art. No.	Pack Qty.	
Ball-shaped stirring magnet	9	6	LT64.1	1 unit(s)	



Magnetic rods and accessories



A 121 °C

Magnetic bars ROTILABO® coloured

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

In various colours.

Colour	Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
red	2	5	A937.1	1 unit(s)	
red	2	7	A938.1	1 unit(s)	
red	3	10	A939.1	1 unit(s)	
red	3	13	A940.1	1 unit(s)	
blue	2	5	A945.1	1 unit(s)	
blue	2	7	A946.1	1 unit(s)	
blue	3	10	A947.1	1 unit(s)	
blue	3	13	A948.1	1 unit(s)	
yellow	2	5	A941.1	1 unit(s)	
yellow	2	7	A942.1	1 unit(s)	
yellow	3	10	A943.1	1 unit(s)	
yellow	3	13	A944.1	1 unit(s)	



A 121 °C

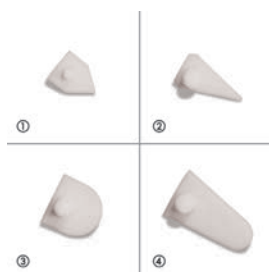
Magnetic bars ROTILABO® with centre ring

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

In various colours.

Colour	Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
red	8	13	A950.1	1 unit(s)	
red	8	15	A951.1	1 unit(s)	
red	8	22	A952.1	1 unit(s)	
red	8	25	A953.1	1 unit(s)	
red	8	38	A954.1	1 unit(s)	
red	8	51	A955.1	1 unit(s)	
red	13	75	A956.1	1 unit(s)	
blue	8	13	A966.1	1 unit(s)	
blue	8	15	A967.1	1 unit(s)	
blue	8	22	A968.1	1 unit(s)	
blue	8	25	A969.1	1 unit(s)	
blue	8	38	A189.1	1 unit(s)	
blue	8	51	A190.1	1 unit(s)	
blue	13	75	A191.1	1 unit(s)	
yellow	8	13	A958.1	1 unit(s)	
yellow	8	15	A959.1	1 unit(s)	
yellow	8	22	A960.1	1 unit(s)	
yellow	8	25	A961.1	1 unit(s)	
yellow	8	38	A962.1	1 unit(s)	
yellow	8	51	A963.1	1 unit(s)	
yellow	13	75	A964.1	1 unit(s)	

Magnetic rods and accessories



A 121 °C

Magnetic bars ROTILABO® wing-shaped

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

For effective stirring, e.g. in test tubes, centrifuge tubes, reaction vials etc. Temperature stable from -200 to +250 °C.

Pic.	Type	Suitable for	Ø (mm)	Height (mm)	Art. No.	Pack Qty.	
(1)	triangular	Tube-Ø 6–7 mm	5.5	9	YH15.1	10 unit(s)	
(1)	triangular	Tube-Ø 9–10 mm	8	11	YH16.1	10 unit(s)	
(2)	triangular, long	Tube-Ø 11–12 mm	10	16	YH17.1	10 unit(s)	
(3)	round	Tube-Ø	13	10	YH18.1	10 unit(s)	
(4)	round, long	Tube-Ø	13	20	YH19.1	10 unit(s)	



Magnetic bar set ROTILABO® # 1

ROTH SELECTION. PTFE-coated.

10-piece set of the most commonly used sizes. PTFE-coated magnetic stirring rod, cylindrical. Packed in a single storage box made of polystyrene (pocket-sized).

Dimensions: L 120 x W 93 x D 12 mm.

Contents:

Length (mm)	Ø (mm)	Number
15	4.5	1
20	7	2
25	6	2
30	6	1
40	8	2
50	8	2

Type	Art. No.	Pack Qty.	
Set I	C267.1	1 set	



Magnetic bar set ROTILABO® # 2

ROTH SELECTION. PTFE-coated.

PTFE-coated magnetic stirring bars, cylindrical. **18 pieces, sorted** in a practical storage box, dimensions: L 187 x W 97 x D 32 mm. Collection of the most common sizes.

Contents:

Length (mm)	Ø (mm)	Number
10	6	2
15	6	2
20	7	2
25	8	2
30	8	2
40	8	2
50	8	2
60	10	2
80	10	2

Type	Art. No.	Pack Qty.	
Set II	X171.1	1 set	



A 121 °C

Magnetic bar set ROTILABO® # 3 with turbomagnet

ROTH SELECTION. PTFE-coated. Autoclavable: Yes.

Cylindrical. Samarium-cobalt magnet with strong magnetic field compared to conventional solenoid. Identified by a black marking (chemically inert). **14 pieces, the most common sizes, sorted**, in a practical storage box. Dimensions: L 187 x W 97 x D 32 mm.

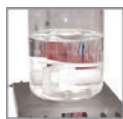
Contents:

Length (mm)	Ø (mm)	Number
8	3	2
12	4.5	2
20	6	2
25	6	2
30	6	2
40	8	2
50	8	1
60	10	1

Type	Art. No.	Pack Qty.	
Set III	PK77.1	1 set	



Magnetic rods and accessories



A 121 °C

Magnetic bars Beakerliner

Bohlender. PTFE-coated. Autoclavable: Yes.

With guide cage. PTFE-encased magnetic core mounted axially in a PTFE guide cage. No shear action of the magnetic stirring bar on the bottom of the beaker, smooth running in beakers, even on an uneven base.

Suitable for	Ø (mm)	Height (mm)	Stirring rod	Art. No.	Pack Qty.	
Beaker, low form, 250, 400 ml	67	21	Ø 8 x L 50	TA88.1	1 unit(s)	
Beaker, low form, 600, 800, 1000 ml	74	29	Ø 9 x L 60	TA89.1	1 unit(s)	
Beaker, low form, 2000 ml	103	32	Ø 10 x L 80	TA90.1	1 unit(s)	



Magnetic bar remover ROTILABO®

ROTH SELECTION.

In different designs and dimensions. With powerful permanent magnet. Very helpful for finding lost magnetic bars or "fishing them out" of liquids.

Material	Ø (mm)	Length (mm)	Art. No.	Pack Qty.	
PP	10	350	E452.1	1 unit(s)	
PP	10	450	E453.1	1 unit(s)	
PTFE	10	150	E448.1	1 unit(s)	
PTFE	10	250	E449.1	1 unit(s)	
PTFE	10	350	E450.1	1 unit(s)	
PTFE	10	450	E451.1	1 unit(s)	

Stir bar catcher

Material: PS.

With powerful permanent magnet. For retention of magnetic bars and easy transfer of solutions. Suitable for magnetic bars with max. length 80 mm. Dimensions: L 87 x W 28 x H 42 mm.

Material	Length (mm)	Height (mm)	Art. No.	Pack Qty.	
PS	87	42	YC30.1	1 unit(s)	



A 121 °C

Stirring bars ROTILABO®

ROTH SELECTION. Autoclavable: Yes.

For stirring different specimens.

Made of flexible PTFE

Material: PTFE flexible. With spade-shaped ends.

Total length (mm)	Ø (mm)	Art. No.	Pack Qty.	
150	8	EX96.1	1 unit(s)	
200	8	EX97.1	1 unit(s)	
250	8	EX98.1	1 unit(s)	
300	8	EX99.1	1 unit(s)	

Made of PTFE with stainless steel core

Material: PTFE with stainless steel core. Bendable acc. to use. Bend remains permanently. Round ends.

Total length (mm)	Ø (mm)	Art. No.	Pack Qty.	
150	6	EY00.1	1 unit(s)	
200	6	EY01.1	1 unit(s)	
250	6	EY02.1	1 unit(s)	
300	6	EY03.1	1 unit(s)	
350	6	EY04.1	1 unit(s)	
400	6	EY05.1	1 unit(s)	

Magnetic rods and accessories



Stirring spatulas

ROTH SELECTION. Material: PP.

For stirring different specimens. Rod Ø 6 mm.

Total length (mm)	Art. No.	Pack Qty.	
244	TT16.1	10 unit(s)	



Stirring bars

For grinding, stirring and mixing test material. Suitable for small and large quantities.

(1) M 100d model

Two-step selector switch: 7000 rpm and 10,000 rpm.

Dimensions: Overall length 320 mm, protective hood Ø 58 mm, weight 850 g.

Power supply 230 V, 50 Hz. Output 120 W.

With multifunction blade and wall bracket.

Type	Art. No.	Pack Qty.	
M 100d	8290.1	1 unit(s)	

(2) P 200 model

Suitable for liquid volumes from 1 l to 20 l. Two-step selector switch: 12,000 rpm and 17,000 rpm. Power supply 230 V, 50 Hz. Output 200 W.

Type	Art. No.	Pack Qty.	
P 200	C527.1	1 unit(s)	



Agitators ROTI®Speed

For universal use, e.g. for stirring even the smallest samples in reaction vials etc.

- Ergonomic pen handle
- High-quality steel spring chuck and quality ball bearings for perfectly smooth operation.
- Locking button enables easy changing of tools
- **Infinitely variable speed from 5000 rpm to 20000 rpm**
- Powerful motor for constant torque
- Length 220 mm, weight 230 g
- Complete with power supply unit in portable case

Delivery without stirring tool, please order separately.

Type	Art. No.	Pack Qty.	
ROTI®-Speed	N372.1	1 unit(s)	

Accessories ROTI®Speed stainless steel tools

Carl ROTH.

High-performance stirring tool

For mixing and suspending samples. Provides effective mixing. Streamlined design. Stirrer shafts-Ø 3 mm.

Pic.	Total length (mm)	Ø Stirrer (mm)	Art. No.	Pack Qty.	
(1)	90	7	N373.1	1 unit(s)	
(2)	98	11	N539.1	1 unit(s)	

Micropistil type stirring tool

Conical micropistil for applications in 1.5 ml reaction vials. Stirrer shafts-Ø 3 mm. Cone shrinks from 8 to 2.5 mm, cone length 15 mm.

Pic.	Total length (mm)	Ø Stirrer (mm)	Art. No.	Pack Qty.	
(3)	98	8	EX63.1	1 unit(s)	

Accessories additional tools for ROTI®-Speed agitators

ROTH SELECTION.

Combined set, 13-piece. Suitable for ROTI®-Speed stirrer. For cutting, separating, milling, polishing and drilling.

Set contents:

- 1 ball-shaped fine cutter, 2.3 mm,
- 1 cylindrical fine cutter, 2.3 mm,
- 1 ball-shaped white corundum abrasive pencil, 5.0 mm and 1 cone-shaped white corundum abrasive pencil, 5.0 mm,
- 1 micro drill, 1.0 and 2.3 mm,
- 5 cutting discs, Ø 22 mm,
- 1 saw blade, Ø 22 and
- 1 tool holder, Ø 2.35 mm.

Pic.	Designation	Art. No.	Pack Qty.	
(4)	Combined set, 13-piece	YY99.1	1 set	

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