

Комплектующие для мешалок CARL ROTH

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Agitator accessories



H-tripod S2 series

Heidolph. Material: Stainless steel V2A.

The support rod is additionally secured with a nut which prevents it from being unscrewed accidentally. With levelling screw to compensate for unevenness. Max. weight load: 4 kg.

(1) Standard

Tripod rods-Ø 25 mm.

Type	Width (mm)	Depth (mm)	Height (mm)	Art. No.	Pack Qty.	
S2	345	420	700	TL67.1	1 unit(s)	
S2 XXL	345	420	1,000	TL68.1	1 unit(s)	

(2) Tele

With extendable tripod rod from 725 to 1025 mm.

Support rods-Ø 32 mm.

Type	Width (mm)	Depth (mm)	Height-adjustability (mm)	Art. No.	Pack Qty.	
Tele S2	345	420	725-1025	TL69.1	1 unit(s)	

Accessories clamp for H stands S2 series

Heidolph. Material: Stainless steel V2A, cast aluminium.

Suitable for	Art. No.	Pack Qty.	
Rod Ø 13-32 mm	TL70.1	1 unit(s)	



Plate stands

IKA. Material: Stainless steel, tripod plate epoxy coated, rubber pad.

With slip-resistant foil on the plate. The support rod is additionally secured with a nut under the plate which prevents it from being unscrewed accidentally. Support rod-Ø: 16 mm. Max. weight load: 5 kg.

Type	Width (mm)	Depth (mm)	Height (mm)	Art. No.	Pack Qty.	
R 1825	200	316	560	CC13.1	1 unit(s)	
R 1826	200	316	800	CC14.1	1 unit(s)	
R 1827	200	316	1,000	CC15.1	1 unit(s)	



H-stand

IKA.

Suitable for larger, heavy devices and structures such as stirrers.

Tilt-resistant thanks to H-base. With balance screw to compensate for uneven surfaces on the laboratory table.

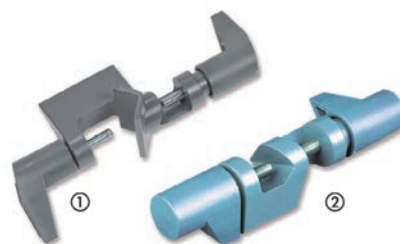
Support rods-Ø: 34 mm. Max. weight load: 10 kg.

Type	Width (mm)	Depth (mm)	Height (mm)	Art. No.	Pack Qty.	
R 2722	460	420	1,010	CC16.1	1 unit(s)	

Height-adjustable

With compression sprung telescopic support rod for smoothly moving heavy devices or structures up and down. Lifting height: 390 mm.

Type	Width (mm)	Depth (mm)	Height-adjustability (mm)	Art. No.	Pack Qty.	
R 2723	460	420	620-1010	CC17.1	1 unit(s)	



Clamps

IKA. Material: Aluminium (cast).

R 270

Suitable for tripod type R 2722, R 2723.

Pic.	Suitable for	Art. No.	Pack Qty.	
(1)	Tripod rods Ø 25-36 mm, extension arms Ø 5-21 mm	CC18.1	1 unit(s)	

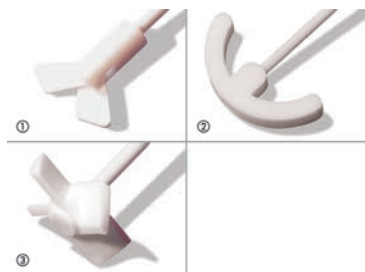
R 182

Suitable for tripod type R 1825, R 1826, R 1827.

Pic.	Suitable for	Art. No.	Pack Qty.	
(2)	Tripod rods Ø 6-12 mm, extension arms Ø 6-16 mm	CY92.1	1 unit(s)	



Agitator accessories



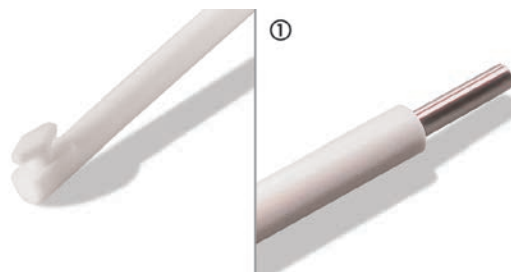
A 121 °C

Stirring blades ROTILABO® ECO

ROTH SELECTION. Material: Stainless steel, coated with PTFE. Autoclavable: Yes.

Chemically inert and non-breakable. Temperature stable from -200 °C to +250 °C. Shaft Ø 6 mm.

Pic.	Designation	Wavelength (mm)	Ø Stirrer (mm)	Art. No.	Pack Qty.	
(1)	Centrifugal	300	40	YT25.1	1 unit(s)	
(1)	Centrifugal	400	40	YT26.1	1 unit(s)	
(1)	Centrifugal	500	50	YT27.1	1 unit(s)	
(2)	Armature	300	80	YT28.1	1 unit(s)	
(2)	Armature	400	80	YT29.1	1 unit(s)	
(2)	Armature	500	80	YT30.1	1 unit(s)	
(3)	Propeller	300	40	YT31.1	1 unit(s)	
(3)	Propeller	400	40	YT32.1	1 unit(s)	
(3)	Propeller	500	50	YT33.1	1 unit(s)	



A 121 °C

Stirring blades ROTILABO®

ROTH SELECTION. Material: Stainless steel, coated with PTFE. Autoclavable: Yes.

Please order matching stirrer blades separately (Art. No. YT20.1ff). Temperature stable from -200 to +250 °C.

Standard

Wavelength (mm)	Ø Shaft (mm)	Art. No.	Pack Qty.	
300	6	YT08.1	1 unit(s)	
300	8	YT11.1	1 unit(s)	
400	6	YT09.1	1 unit(s)	
400	8	YT12.1	1 unit(s)	
500	6	YT10.1	1 unit(s)	
500	8	YT13.1	1 unit(s)	
550	9.5	YT14.1	1 unit(s)	
650	9.5	YT15.1	1 unit(s)	

(1) With renewed clamp Ø 6.35 mm (length 50 mm) for easy clamping of the stirrer shafts.

Wavelength (mm)	Ø Shaft (mm)	Art. No.	Pack Qty.	
650	9.5	YT16.1	1 unit(s)	
650	10	YT18.1	1 unit(s)	
750	9.5	YT17.1	1 unit(s)	
750	10	YT19.1	1 unit(s)	



A 121 °C

Stirrer blade ROTILABO® with smooth ends

ROTH SELECTION. Material: PTFE. Autoclavable: Yes.

Suitable for ROTILABO® stirrer shafts made of stainless steel (Art. No. YT08.1ff). Borehole Ø 6.5 mm, Blade thickness 3.2 mm. Temperature stable from -200 to +250 °C.

Suitable for	Width (mm)	Total length (mm)	Art. No.	Pack Qty.	
round bottom flask 250 ml	25	65	YT20.1	5 unit(s)	
round bottom flask 500 ml	25	75	YT21.1	5 unit(s)	
round bottom flask 2000 ml	25	105	YT22.1	5 unit(s)	
round bottom flask 4000 ml	25	125	YT23.1	5 unit(s)	
round bottom flask 6000 ml	25	150	YT24.1	5 unit(s)	

Agitator accessories



Stirring blades made of stainless steel

Bohlender. Material: Stainless steel, coated with PTFE.

The stirrer unit is made entirely of PTFE. A stainless steel core provides the required hold in the clamping ring of the stirrer. The stirrer unit is firmly anchored to the shaft: it is not loosened by continued turning of the medium after the stirrer has been turned off. Since the materials to be turned only have contact with PTFE, the stirrer shafts are virtually resistant to chemicals and allow high application temperatures. **The dimensions of the stirrer shafts match the (KPG) glass stirrer shafts and are therefore interchangeable at any time. With tapered collet, for easier clamping of stirrer shafts.**

Crescent

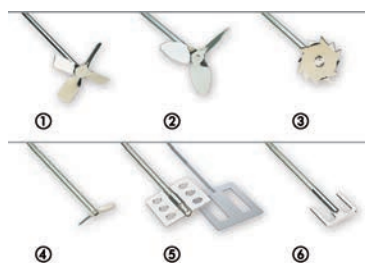
Dimensions	Ø Shaft (mm)	Ø Clamping (mm)	Total length (mm)	Art. No.	Pack Qty.	
Sheet: 90 x 24 x 3 mm	8	6.5	450	K072.1	1 unit(s)	
Sheet: 90 x 24 x 3 mm	8	6.5	600	K073.1	1 unit(s)	
Sheet: 90 x 24 x 3 mm	10	8	450	K074.1	1 unit(s)	
Sheet: 90 x 24 x 3 mm	10	8	600	K075.1	1 unit(s)	
Sheet: 125 x 35 x 3.5 mm	16	14	800	K076.1	1 unit(s)	

Propeller

Dimensions	Ø Shaft (mm)	Ø Clamping (mm)	Total length (mm)	Art. No.	Pack Qty.	
Sheet Ø 50 mm	6	4.7	450	K077.1	1 unit(s)	
Sheet Ø 75 mm	8	6.5	450	K078.1	1 unit(s)	
Sheet Ø 75 mm	10	8.0	450	K079.1	1 unit(s)	

Armature

Dimensions	Ø Shaft (mm)	Ø Clamping (mm)	Total length (mm)	Art. No.	Pack Qty.	
Sheet: 60 x 40 mm	8	6.5	360	K080.1	1 unit(s)	
Sheet: 100 x 60 mm	8	6.5	600	K081.1	1 unit(s)	



Stirring blades

IKA.

for laboratory stirrers. Material stainless steel, anchor stirrer (Art. No. Y443.1 and Y444.1) and propeller stirrer (Art. No. A328.1) made of fine cast metal. Choice depends on use, viscosity and amount of medium.

(1) Propeller, 4-winged

Wave-length (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Maximum speed (rpm)	Art. No.	Pack Qty.	
350	8	50	2,000	0867.1	1 unit(s)	
540	8	100	800	Y436.1	1 unit(s)	
800	13	150	600	Y437.1	1 unit(s)	

(2) Propeller, 3-winged

Wave-length (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Maximum speed (rpm)	Art. No.	Pack Qty.	
350	8	45	2,000	A328.1	1 unit(s)	
550	10	140	800	Y438.1	1 unit(s)	
800	10	140	400	Y439.1	1 unit(s)	

(3) Dissolver stirrer

Wave-length (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Maximum speed (rpm)	Art. No.	Pack Qty.	
350	8	80	2,000	A322.1	1 unit(s)	

(4) Centrifugal stirrers

Wave-length (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Maximum speed (rpm)	Art. No.	Pack Qty.	
350	8	60/15	2,000	A324.1	1 unit(s)	
550	8	100/24	800	Y440.1	1 unit(s)	

(5) Paddle stirrers

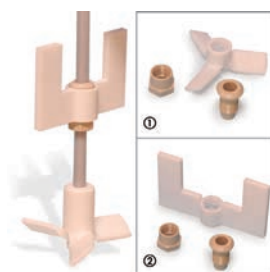
Wave-length (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Maximum speed (rpm)	Art. No.	Pack Qty.	
550	8	70	800	Y441.1	1 unit(s)	
550	10	150	800	Y442.1	1 unit(s)	

(6) Anchor stirrers

Wave-length (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Maximum speed (rpm)	Art. No.	Pack Qty.	
350	8	45	1,000	Y443.1	1 unit(s)	
350	8	90	1,000	Y444.1	1 unit(s)	



Agitator accessories



Accessories additional wings for stirrer shafts

Bohlender. Material: PTFE, PEEK Compound.

For fastening stirrer shafts made of PTFE with metal core, glass or metal. The height and also the turning position of the additional wings can be firmly positioned freely using a clamp fastener. Temperature stable from -200 °C to +250 °C, without load.

Delivery incl. fork wrench.

(1) Propeller additional wings, 3-winged

Suitable for	Dimensions	Art. No.	Pack Qty.	
Shaft-Ø 8 mm	Sheet: Ø 75 mm	CK98.1	1 unit(s)	
Shaft-Ø 10 mm	Sheet: Ø 75 mm	CK99.1	1 unit(s)	

(2) Anchor additional wings

Suitable for	Dimensions	Art. No.	Pack Qty.	
Shaft-Ø 8 mm	Sheet: 60 x 40 mm	CT00.1	1 unit(s)	
Shaft-Ø 8 mm	Sheet: 100 x 60 mm	CT01.1	1 unit(s)	
Shaft-Ø 10 mm	Sheet: 80 x 50 mm	CT02.1	1 unit(s)	
Shaft-Ø 10 mm	Sheet: 100 x 60 mm	CT03.1	1 unit(s)	



KPG stirrer shaft

DWK Life Sciences. Material: DURAN® glass.

Stirrer contact surface (L 160 mm) ground and polished.

(1) Type WG 10 with propeller stirrer, 4-winged

Suitable for Flasks with neck Ø inner min. 60 mm

Wavelength (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Art. No.	Pack Qty.	
320	10	58	NL72.1	1 unit(s)	
370	10	58	NL73.1	1 unit(s)	

(2) Type WS 10 with centrifugal stirrer with movable spread wings

Suitable for Flasks with neck Ø inner min. 25 mm

Wavelength (mm)	Ø Shaft (mm)	Ø Stirrer (mm)	Art. No.	Pack Qty.	
320	10	57	NL76.1	1 unit(s)	
370	10	57	NL77.1	1 unit(s)	
410	10	57	NL78.1	1 unit(s)	
440	10	57	NL79.1	1 unit(s)	



KPG stirrer with side stirrer blade

Material: DURAN® glass Stirring blade and safety screw made of PTFE.

For NS 29/32. Length of the ground and polished KPG-stirrer contact surface 160 mm. Drive pin Ø 8 x L 40 mm. Shaft Ø 10 mm.

Suitable for	Wavelength (mm)	Dimensions	Art. No.	Pack Qty.	
Round bottom flask 100 ml	310	Blade: 50 x 18 x 3 mm	KL66.1	1 unit(s)	
Round bottom flask 250/500 ml	310	Blade 68 x 24 x 3 mm	KL67.1	1 unit(s)	
Round bottom flask 1000/2000/3000 ml	390	Blade 75 x 24 x 3 mm	KL68.1	1 unit(s)	
Round bottom flask 4000/5000 ml	480	Blade 125 x 24 x 3 mm	KL69.1	1 unit(s)	



KPG stirrer with movable wings

Material: DURAN® glass Stirring blade made of PTFE.

With ground and polished shaft and coupling pin. for NS 29/32. Drive pinjournal Ø 8 x L 40 mm. Shaft Ø 10 mm.

Suitable for	Wavelength (mm)	Ø Stirrer (mm)	Art. No.	Pack Qty.	
Round bottom flask 100/250 ml	310	50	KL71.1	1 unit(s)	
Round bottom flask 500 ml	310	90	KL72.1	1 unit(s)	
Round bottom flask 1000 ml	400	90	KL73.1	1 unit(s)	
Round bottom flask 2000/3000 ml	460	90	KL74.1	1 unit(s)	
Round bottom flask 4000/5000 ml	520	90	KL75.1	1 unit(s)	

Agitator accessories



Accessories for KPG stirrer

Material: DURAN® glass.

(1) KPG bearing bushing (stirrer plug)

Core: NS 29/32. Stirrer contact surface ground and polished

Ø Nominal (mm)	Standard ground glass joint core	Total length (mm)	Art. No.	Pack Qty.	
10	29/32	125	KX58.1	1 unit(s)	

(2) KPG stirrer shaft

Stirrer contact surface ground and polished.

Ø Nominal (mm)	Total length (mm)	Art. No.	Pack Qty.	
10	240	KX59.1	1 unit(s)	



KPG bearing bushing

DWK Life Sciences. Material: DURAN® glass.

Model HQ 10

Running surface ground and polished, above the grinding core. With core NS 29/32.

Pic.	Type	Tread	Total length (mm)	Art. No.	Pack Qty.	
(1)	HQ 10	Ø 10 x L 75 mm	170	NL68.1	1 unit(s)	

Model HT 10

Stirrer contact surface ground and polished, below the ground joint. With ground glass cone 29/32 and glycerine reservoir.

Pic.	Type	Tread	Total length (mm)	Art. No.	Pack Qty.	
(2)	HT 10	Ø 10 x L 75 mm	120	NL69.1	1 unit(s)	



Glass stirrer clutch flexible

For stirring tasks in gas equipment with KPG-stirrers. To compensate for assembly inaccuracies. Obviates the need for exact alignment of the stirrer motor and stirrer shaft. As an elastic connection between laboratory stirrer and stirrer shaft. For motor shafts with chuck clamping range from 8 to 10 mm and stirring blades with shaft-Ø 8 to 10 mm.

Type	Art. No.	Pack Qty.	
Flexible glass stirrer clutch	KL60.1	1 unit(s)	



Stirrer coupling Globe

Bohlender. Material: POM.

For balancing the misalignment of axes between the stirrer and the stirrer shaft. Ideal for glass and metal stirrers. Power transmission of up to 300 Ncm. Max. speed ranges of up to 1200 rpm. Temperature stable from -20 to +110 °C. Clamping ring connection for easy assembly. Max. axial offset 10 mm. For stirrers with a chuck clamping range of 10 mm (Ø stirrer shaft for 8 mm stirrer and L 85 mm).

Suitable for	Art. No.	Pack Qty.	
Stirrer opening at bottom, Ø 6.5 and 10 mm	KHE5.1	1 unit(s)	
Stirrer opening at bottom, Ø 8.5 and 10 mm	KHE6.1	1 unit(s)	



Agitator accessories



Universal stirrer plug

Material: Borosilicate glass, guide sleeve, disc set and pressure screw made of PTFE.

for round flasks. Extensively chemical resistant and temperature stable. Reliably tight, even after long-term use. For use without lubricant.

Ø Shaft (mm)	Standard ground glass joint core	Total length (mm)	Art. No.	Pack Qty.	
8	29	140	1793.1	1 unit(s)	
10	29	140	1794.1	1 unit(s)	
8	45	140	1791.1	1 unit(s)	
10	45	140	1792.1	1 unit(s)	



KPG stirrer plug HB 10

DWK Life Sciences. Material: DURAN® glass.

Stirrer guide (GL 32 threaded tube with ground glass cone) with matching stirrer socket. Stirrer contact surface ground and polished, Ø 10 mm x L 75 mm. GL screw cap with O-ring allows the stirrer shaft to be sealed.

Standard ground glass joint core	Art. No.	Pack Qty.	
24/29	NL70.1	1 unit(s)	
29/32	NL71.1	1 unit(s)	



PTFE standard ground stirring plug

Bohlender. Material: PTFE, screw cap GL 25 made of PPS.

Guide for stainless steel, glass and PTFE stirrer shafts. Embossed ring seals on the PTFE ground glass cone to fit ground glass sleeve. With special seal made of PTFE and FPM O-ring. Proportioned pressure of the GL screw cap on the O-ring provides a proper seal against the stirrer shaft. Temperature stable from -50 °C to +250 °C.

Suitable for	Standard ground glass joint core	Total length (mm)	Art. No.	Pack Qty.	
Shaft-Ø 8 mm	19/26	65	CKN9.1	1 unit(s)	
Shaft-Ø 8 mm	24/29	69	CKP0.1	1 unit(s)	
Shaft-Ø 8 mm	29/32	74	CKP2.1	1 unit(s)	
Shaft-Ø 10 mm	24/29	70	CKP1.1	1 unit(s)	
Shaft-Ø 10 mm	29/32	72	CKP3.1	1 unit(s)	
Shaft-Ø 10 mm	45/40	80	CKP4.1	1 unit(s)	



Clutch for laboratory stirrer assembly

Material: PTFE.

Corrosion-proof. With shaft-part made of elastic polyamide. Prevents cuts, ensures proper working even at high speeds over long-term use. Shaft shoulder: Ø 5-8 mm. Shaft-part: Ø 7 mm, length 120 mm.

Type	Art. No.	Pack Qty.	
Clutch for laboratory stirrer assembly	2939.1	1 unit(s)	

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