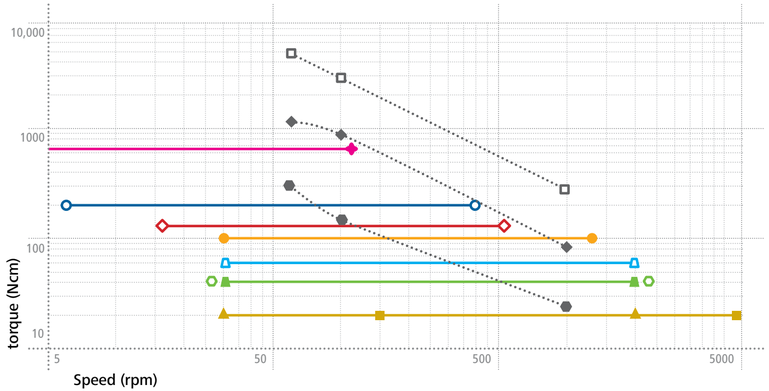
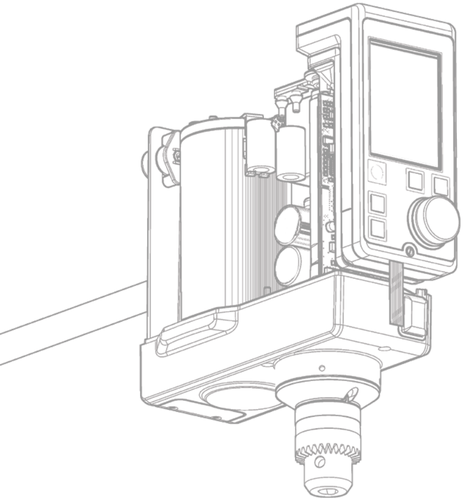


ES 200 control P 4 I
ES 40 digital
ES 100 digital / control
ES 60 digital / control
ES 200 digital / control I
ES 200 control P 4 II
ES 200 digital / control II
ES 20 digital
ES 20 high speed
RW 47 digital
RW 28 digital
RW 20 digital



The electronic overhead stirrers have a constant torque over the entire speed range. They can also be used for short-term overload operations. The electronic stirrers are ideal for reproducible procedures as well.

The mechanical overhead stirrers have a high torque at low speed and the torque decreases when the speed increases. The speed range I is for highly viscous samples and the speed range II is for intensive mixing of low viscous samples.

Stirring elements | **Accessories**

Propeller stirrer, 4-bladed

Standard stirring element for drawing the material to be mixed from the top to the bottom. It creates local shearing forces and axial flow in the vessel. This propeller stirrer is used at medium to high speeds.

axial flow

Name	R 1342	R 1345	R 2302
Ident. No.	0741000	0741300	0739000
Stirrer (Ø) mm	50	100	150
Shaft (Ø) mm	8	8	13
Shaft length mm	350	540	800
Max. speed rpm	2000	800	600
Price	**$ 173**	**$ 200**	**$ 852**
	A B C D F	A B C D F G	H

Propeller stirrer, 3-bladed

Flow-efficient design for drawing the material to be mixed from the top and the bottom while creating minimum shearing forces. This propeller stirrer is used at medium to high speeds.

axial flow

Name	R 1381	R 1382	R 1401	R 1405
Ident. No.	1296000	1295900	1242900	1289800
Stirrer (Ø) mm	45	55	55	45
Shaft (Ø) mm	8	8	–	–
Shaft length mm	350	350	–	–
Max. speed rpm	2000	2000	–	–
Price	**$ 434**	**$ 463**	**$ 391**	**$ 311**
	A B C D F	A B C D F	E	E

Propeller stirrer, 3-bladed

Flow-efficient design for drawing the material to be mixed from the top and the bottom while creating minimum shearing forces. This propeller stirrer is used at medium to high speeds.

axial flow

Name	R 1385	R 1388	R 1389 (PTFE-coated)
Ident. No.	0477700	0477800	2343600
Stirrer (Ø) mm	140	140	75
Shaft (Ø) mm	10	10	8
Shaft length mm	550	800	350
Max. speed rpm	800	400	800
Price	**$ 201**	**$ 557**	**$ 797**
	A B C D F G	A B C D F G	A B C

Dissolver stirrer

This stirrer provides radial flow for drawing the material to be mixed from the top and the bottom while creating high turbulence and high shearing forces for particle reduction. Medium to high speeds required.

radial flow

Name	R 1300	R 1302	R 1303	R 1402
Ident. No.	0513500	2387900	2746700	1243300
Stirrer (Ø) mm	80	100	42	42
Shaft (Ø) mm	8	10	8	–
Shaft length mm	350	350	350	–
Max. speed rpm	2000	1000	2000	–
Price	**$ 404**	**$ 835**	**$ 580**	**$ 454**
	A B C D F G	A B C D F G	A B C D F	E

Turbine stirrer

This stirrer is used for drawing the material to be mixed from above while generating axial flow within the vessel. It carries a minimum level of danger of injury when contact is made with vessel. It also creates minimum shearing forces and is used at medium to high speeds.

axial flow

Name	R 1311	R 1312	R 1313
Ident. No.	2332900	2333000	2333100
Stirrer (Ø) mm	30	50	70
Shaft (Ø) mm	8	8	10
Shaft length mm	350	350	400
Max. speed rpm	2000	2000	800
Price	**$ 277**	**$ 350**	**$ 453**
	A F C	A B C D F	A B C D F

Centrifugal stirrer

Two-bladed stirrer who's blades open with increasing speed. Perfect for stirring in round vessels with narrow necks and the effect is similar to that of a 4-bladed propeller stirrer. Medium to high speeds required.

axial flow

Name	R 1352	R 1355
Ident. No.	0756900	1132700
Stirrer (Ø) mm	60 / 15	100 / 24
Shaft (Ø) mm	8	8
Shaft length mm	350	550
Max. speed rpm	2000	800
Price	**$ 245**	**$ 311**
	A B C D F	A B C D F

Paddle stirrer

This stirrer creates tangential flow, minimum turbulence, good heat exchange and gentle treatment of the product. Low to medium speeds required.

tangential flow

Name	R 1375	R 1376	R 2311
Ident. No.	0757700	0757800	0739500
Stirrer (Ø) mm	70	150	150
Shaft (Ø) mm	8	10	13
Shaft length mm	550	550	800
Max. speed rpm	800	800	600
Price	**$ 264**	**$ 550**	**$ 1,144**
	A B C D F	B C D F G	H

Anchor stirrer

This stirrer creates tangential flow, high shearing rate at the edges, minimum deposits on the vessel wall making them great for polymer reactions and even distribution of high mineral contents in liquids. Ideal for medium to highly viscous fluids. Low speeds required.

tangential flow

Name	R 1330	R 1331	R 1333
Ident. No.	2022300	2022400	2747400
Stirrer (Ø) mm	45	90	150
Shaft (Ø) mm	8	8	10
Shaft length mm	350	350	550
Max. speed rpm	1000	1000	800
Price	**$ 260**	**$ 290**	**$ 1,110**
	A B C D F	A B C D F G	B C D F G

* IKA® recommendations only

EUROSTAR 20 digital
EUROSTAR 40 digital
EUROSTAR 60 digital
EUROSTAR 60 control

A

EUROSTAR 100 digital
EUROSTAR 100 control

B

EUROSTAR 200 digital
EUROSTAR 200 control

C

EUROSTAR 200 control P4

D

EUROSTAR 20 high speed digital

E

RW 20 digital

F

RW 28 digital

G

RW 47 digital

H