

IKA® Mixing
Magnetic stirrers with heating



| RH basic 2



| RH basic KT/C safety control



| RH digital KT/C safety control

	RH basic 2 IKAMAG®	RH basic KT/C safety control IKAMAG®	RH digital KT/C safety control IKAMAG®
Technical data			
Stirring quantity (H ₂ O)	10 l	15 l	15 l
Motor rating input / output	15 / 2 W	15 / 2 W	15 / 2 W
Speed display	scale (0 - 6)	scale (0 - 6)	digital
Speed range	100 - 2.000 rpm	100 - 2.000 rpm	100 - 2.000 rpm
Max. magnetic bar (L x Ø)	40 x 8 mm	40 x 8 mm	40 x 8 mm
Heating function			
Heat output	400 W	500 W	500 W
Temperature range	RT - 320 °C	RT - 320 °C	RT - 320 °C
Setting accuracy	± 10 K	± 10 K	± 1 K
Adjustable safety circuit	—	100 - 400 °C	100 - 400 °C
Control accuracy with sensor	—	ETS-D5 ± 0,5 K ETS-D6 ± 0,2 K	ETS-D5 ± 0,5 K ETS-D6 ± 0,2 K
Heating plate			
Material	stainless steel (AISI 304)	stainless steel white coated	stainless steel white coated
Dimensions	Ø 125 mm	130 x 130 mm	130 x 130 mm
General data			
Dimensions (W x D x H)	168 x 220 x 105 mm	168 x 220 x 105 mm	168 x 220 x 105 mm
Weight	2,4 kg	2,4 kg	2,4 kg
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21
Interface	—	—	—
Ident. No.	3339000	3207100	3207000

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| RCT basic safety control
incl. PT 1000 Temperature sensor



| RET basic safety control
incl. PT 1000 Temperature sensor



| RET control-visc C safety control



| RET control-visc safety control

RCT basic safety control IKAMAG®	RET basic safety control IKAMAG®	RET control-visc C safety control IKAMAG®	RET control-visc safety control IKAMAG®
20 l	20 l	20 l	20 l
16 / 9 W digital	16 / 9 W digital	12 / 5 W digital	12 / 5 W digital
50 - 1.500 rpm 80 x 10 mm	50 - 1.700 rpm 80 x 10 mm	0 - 1.500 rpm 80 x 10 mm	0 - 1.500 rpm 80 x 10 mm
600 W RT - 310 °C ± 1 K 50 - 360 °C PT 1000 ± 1 K / ETS-D5 ± 0,5 K ETS-D6 ± 0,2 K	600 W RT - 340 °C ± 1 K 50 - 360 °C PT 1000 ± 1 K / ETS-D5 ± 0,5 K ETS-D6 ± 0,2 K	600 W RT - 340 °C ± 0,5 K 50 - 350 °C ± 0,2 K	600 W RT - 340 °C ± 0,5 K 50 - 350 °C ± 0,2 K
aluminium alloy Ø 135 mm	stainless steel Ø 135 mm	stainless steel white coated Ø 135 mm	stainless steel Ø 135 mm
160 x 270 x 85 mm 2,5 kg IP 42	160 x 270 x 95 mm 2,5 kg IP 42	160 x 280 x 97 mm 2,8 kg IP 42 RS 232 / analog	160 x 280 x 97 mm 2,8 kg IP 42 RS 232 / analog
3810000	3622000	3364100	3364000

IKA® Mixing

Multi-position magnetic stirrers with heating



| RT 5 power

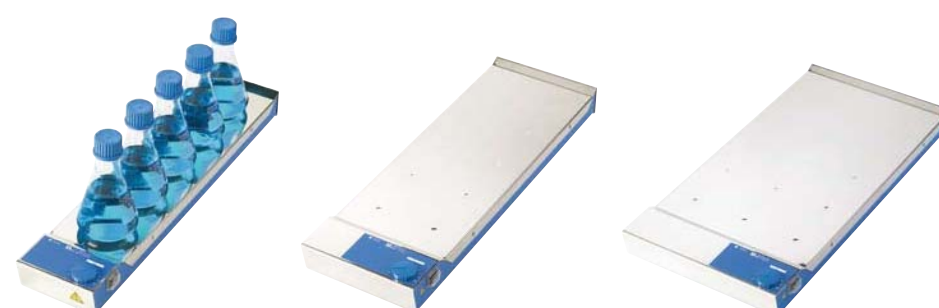
| RT 10 power

| RT 15 power

	RT 5 power IKAMAG®	RT 10 power IKAMAG®	RT 15 power IKAMAG®
Technical data			
Stirring positions	5	10	15
Max. stirring quantity per stirrer (H ₂ O)	0,4 l	0,4 l	0,4 l
Distance between stirring places	90 mm	90 mm	90 mm
Motor rating input / output	7,2 / 1,8 W	14,4 / 3,6 W	21,6 / 5,4 W
Speed display	scale (1 – 10)	scale (1 – 10)	scale (1 – 10)
Speed range	0 – 1.100 rpm	0 – 1.100 rpm	0 – 1.100 rpm
Deviation for individual stirring positions	5 %	5 %	5 %
Max. magnetic bar (L x Ø)	30 x 8 mm	30 x 8 mm	30 x 8 mm
Heating function			
Heat output	175 W	375 W	580 W
Temperature range (surface)	RT – 120 °C	RT – 120 °C	RT – 120 °C
Heat control	scale (1 – 10)	scale (1 – 10)	scale (1 – 10)
Temperature consistency in the medium	± 2 K	± 2 K	± 2 K
Set-up plate			
Material	silicone	silicone	silicone
Dimensions	120 x 450 mm	180 x 450 mm	270 x 450 mm
General data			
Dimensions (W x D x H)	138 x 552 x 65 mm	198 x 552 x 65 mm	288 x 552 x 65 mm
Weight	3 kg	4,2 kg	6 kg
Protection class acc. to DIN EN 60529	IP 42	IP 42	IP 42
Ident. No.	2930300	2930500	2930700

IKA® Mixing

Multi-position magnetic stirrers without heating



| RO 5 power

| RO 10 power

| RO 15 power

	RO 5 power IKAMAG®	RO 10 power IKAMAG®	RO 15 power IKAMAG®
	5	10	15
	0,4 l	0,4 l	0,4 l
	90 mm	90 mm	90 mm
	7,2 / 1,8 W	14,4 / 3,6 W	21,6 / 5,4 W
	scale (1 – 10)	scale (1 – 10)	scale (1 – 10)
	0 – 1.100 rpm	0 – 1.100 rpm	0 – 1.100 rpm
	5 %	5 %	5 %
	30 x 8 mm	30 x 8 mm	30 x 8 mm
	–	–	–
	–	–	–
	–	–	–
	–	–	–
	stainless steel (AISI 304)	stainless steel (AISI 304)	stainless steel (AISI 304)
	120 x 450 mm	180 x 450 mm	270 x 450 mm
	122 x 552 x 65 mm	182 x 552 x 65 mm	272 x 552 x 65 mm
	2,3 kg	3,2 kg	4,7 kg
	IP 42	IP 42	IP 42
	2930200	2930400	2930600