

IKA® Mixing  
Orbital shakers



	lab dancer	VORTEX Genius 3	MS 3 basic	MS 3 digital	VXR basic Vibrax*
<b>Technical data</b>					
Shaking movement	orbital	orbital	orbital	orbital	orbital
Orbital diameter	4,5 mm	4 mm	4,5 mm	4,5 mm	4 mm
Max. shaking weight (with attachment)	0,1 kg	0,4 kg	0,5 kg	0,5 kg	2 kg
Motor rating input / output	1,2 / 0,8 W	58 / 10 W	10 / 8 W	10 / 8 W	35 / 13,2 W
Permissible ON time	100 %	100 %	100 %	100 %	100 %
Speed range	2.800 rpm	500 – 2.500 rpm	0 – 3.000 rpm	0 – 3.000 rpm	0 – 2.200 rpm
Speed display	–	scale (0 - 6)	scale	scale	scale
Timer	–	–	–	1 s – 999 min	–
<b>General data</b>					
Dimensions (W x D x H)	Ø 100 x 70 mm	127 x 149 x 136 mm	148 x 205 x 63 mm	148 x 205 x 63 mm	157 x 247 x 130 mm
Weight	0,55 kg	4,5 kg	2,9 kg	2,9 kg	6,1 kg
Permissible ambient temperature	5 – 40 °C	5 – 40 °C	5 – 40 °C	5 – 40 °C	5 – 40 °C
Protection class acc. to DIN EN 60529	IP 40	IP 21	IP 21	IP 21	IP 21
Interface	–	–	–	–	–
Ident. No.	3365000	3340000	3617000	3319000	2819000

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	MTS 2/4 digital	KS 130 basic*	KS 130 control	KS 260 basic	KS 260 control*	KS 501 digital	KS 4000 i control
Shaking movement	orbital	orbital	orbital	orbital	orbital	orbital	orbital
Orbital diameter	3 mm	4 mm	4 mm	10 mm	10 mm	30 mm	20 mm
2 o. 4 microtiter plates	–	2 kg	2 kg	7,5 kg	7,5 kg	15 kg	20 kg
Motor rating input / output	35 / 13,2 W	45 / 10 W	45 / 10 W	45 / 10 W	45 / 10 W	70 / 19 W	82 / 24 W
Permissible ON time	100 %	100 %	100 %	100 %	100 %	100 %	100 %
Speed range	0 – 1.100 rpm	80 – 800 rpm	80 – 800 rpm	20 – 500 rpm	10 – 500 rpm	0 – 300 rpm	10 – 500 rpm
Speed display	scale	LED line	digital	LED line	digital	digital	digital
Timer	∞ / 1 – 99 min	∞ / 5 – 50 min	∞ / 0 – 9 h 59 min	∞ / 5 – 50 min	∞ / 9 h 59 min	∞ / 0 – 56 min	∞ / 0 – 999 h
Dimensions (W x D x H)	185 x 320 x 105 mm	270 x 316 x 98 mm	270 x 316 x 98 mm	360 x 420 x 98 mm	360 x 420 x 98 mm	505 x 585 x 120 mm	580 x 750 x 525 mm
Weight	2,7 kg	8,8 kg	9,8 kg	8,5 kg	8,8 kg	26 kg	55 kg
Permissible ambient temperature	5 – 40 °C	5 – 50 °C	5 – 50 °C	5 – 50 °C	5 – 50 °C	5 – 50 °C	15 – 32 °C
Protection class acc. to DIN EN 60529	IP 21	IP 21	IP 21	IP 21	IP 21	IP 21	IP 30
Interface	–	–	RS 232 / analog	–	RS 232 / analog	–	RS 232
Ident. No.	3208000	2980000	2980100	2980200	2980300	2526400	3510000