

# Technical Specifications - Magnetic Stirrers

Model		MR Hei-Mix S	MR Hei-Mix L	MR Hei-Mix D	MR Hei-Standard	MR Hei-Tec	MR Hei-End
P/N	(230 V)	503-02000-00	505-00000-00	505-01000-00	505-20000-00	505-30000-00	505-50000-00
Speed, max.	(rpm)	2,200	1,400	1,400	1,400	1,400	1,400
Speed accuracy	(%)	± 5	± 2	± 2	± 2	± 2	± 1
Display		-	-	digital	-	digital	digital
Analog/digital interface		-	-	-	-	-	yes
Heating power	(W)	-	-	-	800 (*)	800 (*)	800 (*)
Hotplate temperature	(°C)	-	-	-	20 - 300	20 - 300	20 - 300
Medium temperature, max.	(°C)	-	-	-	250	250	250
Accuracy temperature setting	(K)	-	-	-	± 5	± 1	± 1
External temperature sensor		-	-	-	Hei-Con	Hei-Con	Pt 1000
Temperature accuracy with external temperature sensor	(K)	-	-	-	± 1	± 1	± 0.2
Sensor breakage protection		-	-	-	with Hei-Con	with Hei-Con	with Pt 1000
Temperature control		-	-	-	electronic	electronic	microprocessor
Temperature accuracy hotplate	(K)	-	-	-	± 5	± 5	± 5
Safety circuit hotplate	(°C)	-	-	-	25 °C over hotplate temperature	25 °C over hotplate temperature	10 - 25 °C over nominal temperature
Stirring capacity, max. (H <sub>2</sub> O)	(l)	5	20	20	20	20	20
Load, max.	(kg)	6	25	25	25	25	25
Power consumption	(W)	7	20	20	820	820	825
Ambient temperature range	(°C)	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40
Max. relative humidity	(%)	80	80	80	80	80	80
Max. permitted operation	(%)	100	100	100	100	100	100
Plate diameter	(mm)	ø 105	ø 145	ø 145	ø 145	ø 145	ø 145
Plate material		PVDF	V2A	V2A	Kera-Disk® (Silumin with ceramic coating)	Kera-Disk® (Silumin with ceramic coating)	Kera-Disk® (Silumin with ceramic coating)
Weight	(kg)	1.2	2.6	2.6	2.9	2.6	2.6
Dimension l x w x h	(mm)	126 x 140 x 80	173 x 277 x 94	173 x 277 x 94	173 x 277 x 94	173 x 277 x 94	173 x 277 x 94
Protection class	(DIN 60529)	IP 21	IP 32	IP 32	IP 32	IP 32	IP 32
Supply voltage	(**)	230 V/ 50 Hz 115 V/ 60 Hz	230 V/ 50 Hz 115 V/ 60 Hz	230 V/ 50 Hz 115 V/ 60 Hz	230 V/ 50 Hz 115 V/ 60 Hz	230 V/ 50 Hz 115 V/ 60 Hz	230 V/ 50 Hz 115 V/ 60 Hz

(\*) 600 W for 115 V-units

(\*\*) Standard 230 V/ 50 Hz: others upon request, please specify for order