

# amicus



SPECIFICATION	AMC/HS/550	AMC/HP/340	AMC/HS/340	AMC/HP/280
Dimension of work plate (mm)	184x184 (7inch)	135mm (5 inch)	135mm (5 inch)	135mm (5 inch)
Work plate material	Glass ceramic	Stainless steel with ceramic coating	Stainless steel with ceramic coating	Stainless steel with ceramic coating
Motor type	Brushless DC motor	Brushless DC motor	Brushless DC motor	DC motor
Motor rating input (W)	18	18	18	5
Motor rating output (W)	10	10	10	3
Power (W)	1050	550	530	515
Voltage (VAC)	100-120/200-240	100-120/200-240	100-120/200-240	100-120/200-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Stirring positions	1	1	1	1
Max. stirring quantity (H2O), L	20	20	20	3
Max.magnetic bar(LxØ) (mm)	80	80	80	50
Speed range (rpm)	100-1500	100-1500	0-1500	100-1500
Speed display	LCD	LCD	Scale	LED
Speed display resolution (rpm)	±1	±1	-	-
Heating output (W)	1000	500	500	500
Heating temperature range (°C)	Room temp.-550	Room temp.-340	Room temp.-340	Room temp.-280
Control accuracy of work plate (°C)	±(<100°C) ± 1%(<100°C)	±(<100°C) ± 1%(<100°C)	±(<100°C) ± 1%(<100°C)	±(<100°C) ± 1%(<100°C)
Safety temperature (°C)	580	360	350	320
Temperature display	LCD	LCD	Scale	LED
Temp. display accuracy (°C)	± 0.1	± 0.1	-	±1
External temperature sensor	PT 1000	PT 1000	N/A	PT 1000
Control accuracy with external temperature sensor PT1000 (±°C)	± 0.2	± 0.2	-	± 0.5
Heating warning (°C)	50°C	50°C	N/A	50°C
Remote control (RS232) interface	Yes	Yes	N/A	N/A
Protection class	IP21	IP42	IP42	IP21
Dimension (W x D x H) mm	215x360x112	160x280x85	160x280x85	150x260x80
Weight (kg)	5.3	2.8	2.8	1.8
Permissible ambient temperature (°C)	5-40	5-40	5-40	5-40
Permissible maximum humidity	80%	80%	80%	80%