



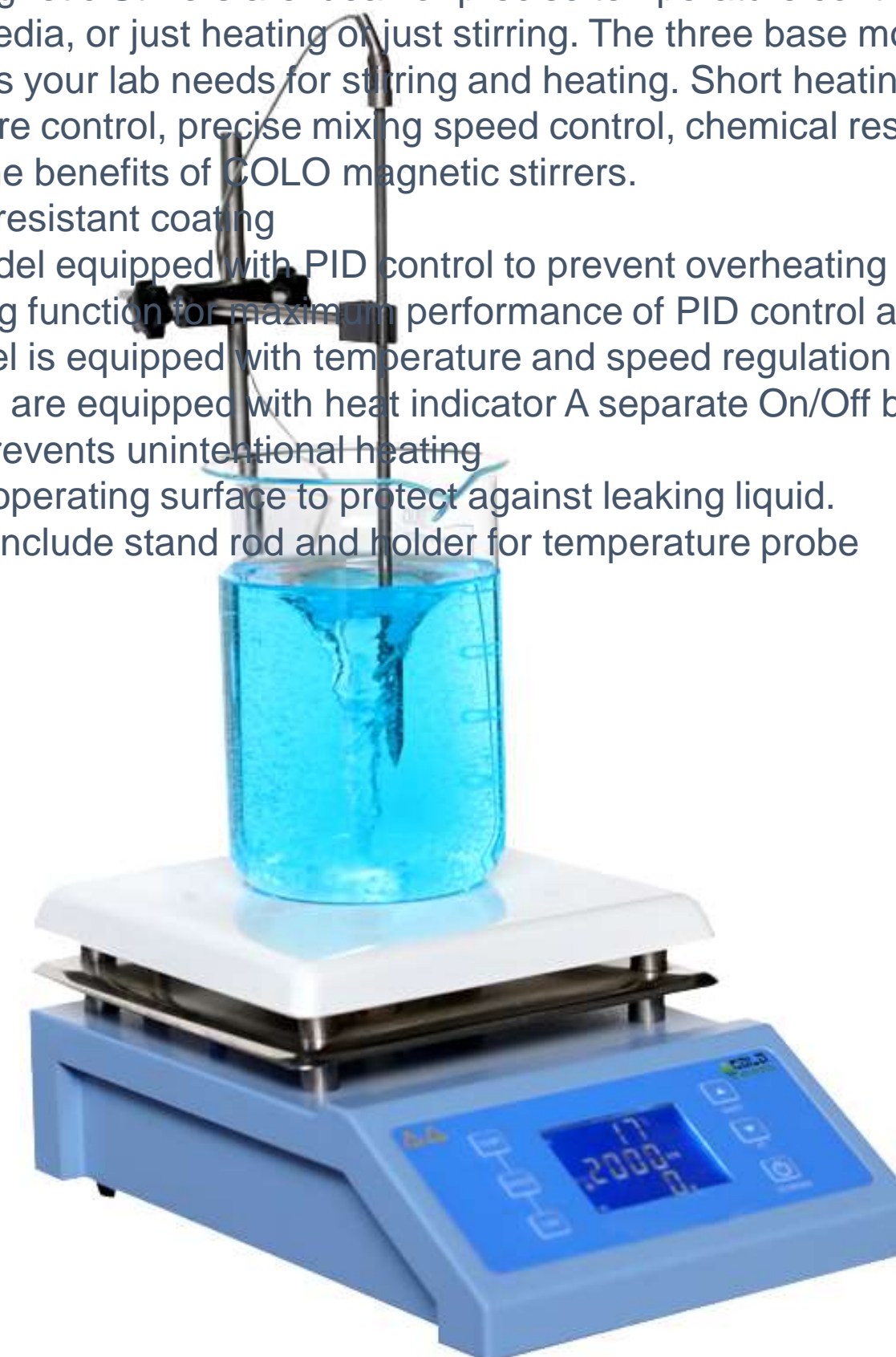
MAGD19 Magnetic Stirrer with Hotplate


 Max. temp.
380°C

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Catalogue](#)



- COLO Magnetic Stirrers are ideal for precise temperature control when mixing and heating media, or just heating or just stirring. The three base models provide all the capabilities your lab needs for stirring and heating. Short heating times, precise temperature control, precise mixing speed control, chemical resistance are just some of the benefits of COLO magnetic stirrers.
- Chemical resistant coating
- Digital model equipped with PID control to prevent overheating of medium
- Auto tuning function for maximum performance of PID control and heating time
- Front panel is equipped with temperature and speed regulation knob
- All models are equipped with heat indicator A separate On/Off button for the heating function prevents unintentional heating
- Separate operating surface to protect against leaking liquid.
- MAGD19 include stand rod and holder for temperature probe



Temperature range RT+5°C to 380°C

Temperature PID regulated by two pieces contact digital thermometer built in in plate or external for liquid type Pt100 A class, safety warning at temperatures above 50°C



Digital Temperature Control

Inner and outer temperature control, Pt100 sensor A Class, with high precision liquid or heating surface temperature measuring



Auto Tuning Function

Auto tuning function is perfect solution to adjust your instrument and baker to the optimum heating and stirring performance



Ceramic Hotplate

High quality heating and mixing ceramic surface with high temperature and chemical resistant



Large LCD Display with backlight

Easy to read imported and actual data

Item Type	MAGD	MAGA	MAGE
Setting method	Digital	Analogue	Analogue
Heating plate	Ceramic	Ceramic	Aluminium
Double temperature sensor (measurement in medium and hot plate)	Yes	x	X

Magnetic stirrer type	MAGD19	MAGAS19	MAGAH19	MAGA19	MAGE17	MAGE12
Price						
Controller Type	Digital	Analogue	Analogue	Analogue	Analogue	Analogue
Working mode	Stirring, Heating	Stirring	Heating	Stirring, Heating	Stirring, Heating	Stirring, Heating
Plate size mm	190*190	190*190	190*190	190*190	170*170	120*120
Working surface	Ceramic	Ceramic	Ceramic	Ceramic	Aluminium with protective coating	Aluminium with protective coating
Max. Stirring volume	20L	20L	X	20L	16L	8L
Speed rpm	0-2000rpm					
Max temperature	RT+5 to 380°C	X	RT+5 to 380°C	RT+5 to 380°C	RT+5 to 380°C	RT+5 to 380°C
Temperature resolution	0,1°C					
Temperature uniformity	±1°C	X	Analogue	Analogue	Analogue	Analogue
Temperature stability	±3°C	X	±5°C	±5°C	±5°C	±5°C
Temperature unit	°C/°F	Analogue °C				
Inner sensor	Pt100 A Class	X	Analogue	Analogue	Analogue	Analogue
Outer sensor	Pt100 A class ø3mm L 250mm	X	X	X	X	X
Stirring bar	PTFE 30-80mm	PTFE 30-80mm	X	PTFE 30-80mm	PTFE 30-80mm	PTFE 30-60mm
Driving mode	Motor	Motor	X	Motor	Motor	Motor
Timer	Yes	X	X	X	X	X
Display controller	MAGD19: LCD with two temperature sensor (choice to measurement temperature on hot plate or in medium) self adjusting to optimize heating parameters, indication or temperature, time, speed, icon for heating, auto test function, deviation temperature correction, PID settings, display background light, overheating protection, alarm...					
Setting accuracy speed	Step by 10 rpm	Analogue	X	Analogue	Analogue	Analogue
Permissible ambient temperature	5-40°C					
Permissible humidity	Up to 80% RH					
Protection class according to DIN EN 60530	IP42	IP42	IP42	IP42	IP21	IP21
Motor rating output	9W	9W	X	9W	2W	2W
Heat output	800W	X	800W	800W	450W	350W
Voltage	230V/50-60Hz					
Dimension W*D*H mm	203*344*94	203*344*94	203*344*94	203*344*94	190*300*94	160*280*94
NV/GV kg	4/5	4/5	4/5	4/5	3/4	2/3

Please note
If this Magnetic Stirrer does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts



Laboratory Equipment production and Distribution

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