



Magnetic stirrers

with heating



ARGO LAB



We are pleased to introduce the new line of scientific instrumentation. **ARGO LAB**
All these instruments have passed rigorous tests of quality and reliability that Giorgio Bormac applies on each new product.

The ISO 9001 certified manufacturer based in P.R.C., has agreed to make any modifications and improvements required by us.

With these premises we decided to use our brand: **ARGO LAB**

Argo is the name of our dog, an half-breed black Labrador, who, with his strength and loyalty gladdens our days in the office and at home.

For this reason we want these instruments become your faithful companions of the laboratory and reliable over time.

Magnetic stirrers with heating

340 °C – 1500 rpm



Stirrer M2-A

ArgoLab M2-A analogic

- Magnetic stirrers with new stirring technology, ideal for work without control
- Stainless steel hotplate
- Adjustable speed range
- Electronic control of the motor speed, constant speed even during the load changes
- Accurate control of the heating and safe temperature control
- High magnetic force, prevents blocking of the stirring and ensures that the "agitation" does not change due to external factors
- Automatic positioning of the stirring bar
- The external structure (IP42) and the brushless motor guarantee long life of the instrument
- Separate safety circuit, automatic safety limiter for temperature over 350 °C



Stirrer M2-D Pro

ArgoLab M2-D Pro digital

In addition to the characteristics of the model M2-A

- Microprocessor for accurate control of the functions
- RS232 interface for external PC control.
- Two adjustable safety circuits
- Temperature sensors separated, protection level selectable
- Temperature probe for control within the product in agitation (PT1000 optional)
- Safety signal on the display, indicating the hot plate heat after turning off the heating of the stirrer
- According to DIN 12878 for use with contact thermometers

ACCESSORIES



Heating blocks for tubes	Part number
4 positions Black - Hole Ø28 mm, depth 43 mm – Tubes 40 ml	22002623
4 positions Blue - Hole Ø28 mm, depth 30 mm – Tubes 30 ml	22002613
4 positions Purple - Hole Ø28 mm, depth 24 mm – Tubes 20 ml	22002603
4 positions Gold - Hole Ø21,6 mm, depth 31,7 mm – Tubes 16 ml	22002643
6 positions Green - Hole Ø17,8 mm, depth 26 mm – Tubes 8 ml	22002633
11 positions Red - Hole Ø15,2 mm, depth 20 mm – Tubes 4 ml	22002593
Base unit for heating blocks	22002583



Technical data		
	M2-A	M2-D Pro
Voltage - Frequency	220V – 50/60Hz	220V – 50/60Hz
Power consumption	530W	550W
Max stirring quantity (H ₂ O)	20 liters	20 liters
Max stirring bar length	80 mm	80 mm
Motor	Brushless	Brushless
Speed range	0... 1.500 rpm	0... 1.500 rpm
Speed display	Scale	LCD Display
Speed display accuracy	-	1 rpm
Hotplate	Stainless steel	Stainless steel
Hotplate diameter	135 mm	135 mm
Heating power	500 W	500 W
Temperature range	RT - 340 °C	RT - 340 °C
Temperature display	Scale	LCD Display
Temperature control accuracy	-	1 °C
Safety temperature range	-	100... 350 °C
External temperature probe	-	PT1000
Temperature control accuracy with external probe	-	0,2 °C
Dimensions (W x D x H)	280 x 160 x 65 mm	280 x 160 x 65 mm
Weight	2,8 kg	2,8 kg
Working temperature	5... 40 °C	5... 40 °C
Working humidity max	80%	80%
IP protection class	IP42 (acc. to DIN EN60529)	IP42 (acc. to DIN EN60529)
RS232 interface	-	Yes
Part number	22002013	22002063



Stirrer M2-D Pro with adjustable stand and PT 1000 probe



Stand and protection cover	Part number
Adjustable stand for PT1000 for M2-D Pro and M3-D	22002523
PT1000 probe, length 230 mm for M2-D Pro and M3-D	22002513
Protection cover in plastic material for M2-A and M2-D Pro	22002533

Stand for flasks	Part number
50 ml	22002653
100 ml	22002663
250 ml	22002673
500 ml	22002683



ArgoLab M3-D digital

550 °C – 1500 rpm

Glass ceramic square hotplate

- LCD display, with real time reading of temperature
- *Glass ceramic square hotplate white:*
Suitable for the observation of colors or color variations (for example during titration, etc.).
- Precise control of temperature and speed:
The applied control technology guarantees a great accuracy for temperature and speed.
- Residual heat warning:
A warning sign indicates the presence of residual heat after turning off the heating of the stirrer. The display shows "Hot" when the temperature of the plate exceeds 50 °C.
- Control system of the safe temperature :
In case of exceeding of the safety temperature, the system stops heating.



Stirrer M3-D with adjustable stand and PT 1000 probe

Technical data	
	M3-D
Voltage - Frequency	220V – 50/60Hz
Power consumption	1.030W
Max stirring quantity (H ₂ O)	10 liters
Max stirring bar length	80 x 10 mm
Motor	Brushless
Speed range	0... 1.500 rpm
Hotplate	Glass ceramic
Hotplate – Dimensions	184 x 184 mm
Hotplate – Heating area	176 x 176 mm
Heating power	1.000 W
Temperature range	RT - 550 °C
Temperature display	LED Display
Temperature accuracy	±1°C
External temperature probe	PT1000
Temperature control accuracy with external probe	± 1 °C
Warning sign for residual heat at	50 °C
Dimensions (W x D x H)	215 x 360 x 112 mm
Weight	4,5 kg
Working temperature	5...40 °C
Working humidity max	80%
IP protection class	IP42 (acc. to DIN EN60529)
Part number	22003013



Glass ceramic hotplate with high chemical resistance



Splash proof front panel

ISO 9001 Certified manufacturer

