

## AREX 5 series magnetic stirrer with hot plate

**up to 1500 rpm - up to 20 liters**

The AREX 5 is a robust and versatile hotplate stirrer suitable for applications ranging from basic to temperature-sensitive where precise sample thermoregulation is required.

**CerAlTop™ plate (ceramic coated aluminum alloy)**

**DURABLE, SAFE AND POWERFUL**

- Upgradable to digital with VTF ensuring temperature accuracy of  $\pm 0.5^{\circ}\text{C}$ .
- Insulating disk to protect internal parts.
- The 135 mm diameter top is protected from chemicals and scratches by the superior resistant CerAlTop™ ceramic coating.
- Two illuminated indicators always inform the operator when heating is on and temperature above  $50^{\circ}\text{C}$ .
- Stirs up to 20 l from 100 to 1500 rpm with SpeedServo™ counter reaction.
- Brushless motor ensuring power and resistance over time.



**Accessories on request:**

The new MonoAluBlock™ and MultiAluBlock™ permits to perform numerous reactions, reducing time and bench space also achieving the highest stirring and heating performances.

- **MonoAluBlock™** are the ideal solution for all the application that require to stir multiple vials of the same dimensions
- **MultiAluBlock™** consist of small combinable segments in order to accommodate different sizes of vials at the same time. The user can select the most suitable mix for his application

												
A00000323 MultiAluBlock™ Base	A00000324 MultiAluBlock™ 4 pos. 028xh.43 mm	A00000325 MultiAluBlock™ 4 pos. 028xh.30 mm	A00000326 MultiAluBlock™ 4 pos. 028xh.24 mm	A00000327 MultiAluBlock™ 4 pos. 021xh.31 mm	A00000328 MultiAluBlock™ 8 pos. 017xh.26 mm	A00000329 MultiAluBlock™ 8 pos. 015xh.20 mm	A00000337 MultiAluBlock™ 11 pos. 015xh.20 mm	A00000337 MultiAluBlock™ 11 pos. 012xh.14 mm	A00000340 MonoAluBlock™ 17 pos. 028xh.43 mm	A00000339 MonoAluBlock™ 17 pos. 028xh.30 mm	A00000338 MonoAluBlock™ 17 pos. 028xh.24 mm	A00000341 MonoAluBlock™ 40 pos. 012xh.14 mm

The **Hemispheric Bowl** are the most suitable solution to replace oil baths and mantles in order to perform clean and safe analysis with round bottom flasks.

VELP Hemispheric Bowl precisely fit the **135 mm diameter** plate and the flask surface, ensuring the **fastest heat transfer**. Available in different sizes

								
A00000373 Hemispheric bowl for 25 ml flasks	A00000330 Hemispheric bowl for 50 ml flasks	A00000331 Hemispheric bowl for 100 ml flasks	A00000332 Hemispheric bowl for 250 ml flasks	A00000333 Hemispheric bowl for 500 ml flasks	A00000334 Hemispheric bowl for 1000 ml flasks	A00000374 Hemispheric bowl for 3 L flasks	A00000375 Hemispheric bowl for 5 L flasks	PTFE Safety cover Available for each size

**EXTERNAL TEMPERATURE SENSORS** Temperature probes and thermoregulators ensure precise temperature control for accurate and reproducible results.

V1208063 - Termoregolatore Timer digitale VTF Sonda PT100

			
A00000268 Pt100 probe in AISI 316 Ti Ø3 mm	A00000349 Pt100 glass temperature probe Ø5 mm	A00000458 Pt1000 probe in AISI 316 Ti Ø3 mm	V1208063 Thermoreg. digital timer VTF probe PT100

Ref. A00000342 PTFE Safety Cover Hemispheric Bowl 50 ml

Ref. A00000343 PTFE Safety Cover Hemispheric Bowl 100 ml

Ref. A00000344 PTFE Safety Cover Hemispheric Bowl 250 ml

Ref. A00000345 PTFE Safety Cover Hemispheric Bowl 500 ml

Ref. A00000346 PTFE Safety Cover Hemispheric Bowl 1000 ml

Ref. A00001069 Support rod

Ref. A00000382 Extension for support rod

Ref. A00000280 Clamp for the probe

Ref. A00000351 Handle for AluBlock removal



## Technical data

Housing material	Aluminum body
Plate material:	Technopolymer enclosure
Plate dimension	Ceramic
Stirring volume	Diam. 135 mm
Stirring speed range	20 L
Motor	100 - 1500 rpm
Torque compensation	Brushless
	SpeedServo™

Temperature range	Room Temp. - 550 °C
Temperature Reading Resolution (Digital)	± 1 °C
Hot plate warning system	Illuminated Icon (when the temperature is above 50 °C)
Power input	280 W
Weight:	1,9 kg
Dimensions (WxHxD):	160x85x270 mm

Code	Description	Digital Version	PT 100 probe	Rod support	VTF
V1520570	AREX 5 heating magnetic stirrer	-	-	-	-
V1520572	AREX 5 heating magnetic stirrer with VTF and rod	-	yes	yes	yes
V1525480	AREX 5 DIGITAL heating magnetic stirrer	yes	-	-	-
V1525580	AREX 5 DIGITAL heating magnetic stirrer with PT100 probe	yes	yes	-	-
V1525680	AREX 5 DIGITAL heating magnetic stirrer with PT100 probe, rod and clamp	yes	yes	yes	-
V1525682	AREX 5 DIGITAL heating magnetic stirrer with VTF and rod	yes	yes	yes	yes