AREX 5 DIGITAL heating magnetic stirrer with VTF and rod

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 ± 0.5°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°C.

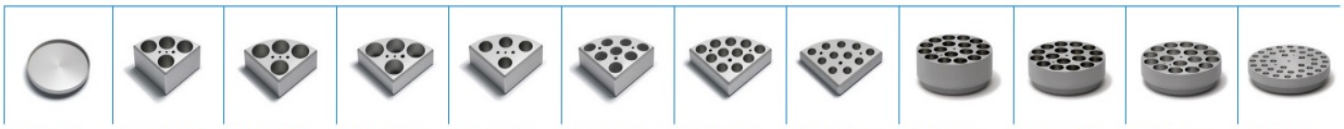
- Stirs up to 20 l from 100 to 1500 rpm with SpeedServo™ counter reaction.

- 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.

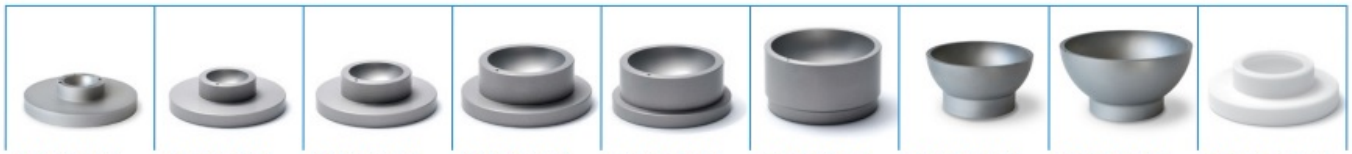
- **MonoAluBlock™** are the ideal solution for all the application that require to stir multiple vials of the same dimensions
- **MultiAluBlock™** consist of small combinable segments in order to accommodate different sizes of vials at the same time. The user can select the most suitable mix for his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



A00000323	A00000324	A00000325	A00000326	A00000327	A00000328	A00000329	A00000337	A00000340	A00000339	A00000338	A00000341
MultiAluBlock™ Base	MultiAluBlock™ 4 pos. Ø28xh.43 mm	MultiAluBlock™ 4 pos. Ø28xh.30 mm	MultiAluBlock™ 4 pos. Ø28xh.24 mm	MultiAluBlock™ 4 pos. Ø21xh.31 mm	MultiAluBlock™ 8 pos. Ø17xh.26 mm	MultiAluBlock™ 11 pos. Ø15xh.20 mm	MultiAluBlock™ 11 pos. Ø12xh.14 mm	MonoAluBlock™ 17 pos. Ø28xh.43 mm	MonoAluBlock™ 17 pos. Ø28xh.30 mm	MonoAluBlock™ 17 pos. Ø28xh.24 mm	MonoAluBlock™ 40 pos. Ø12xh.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.

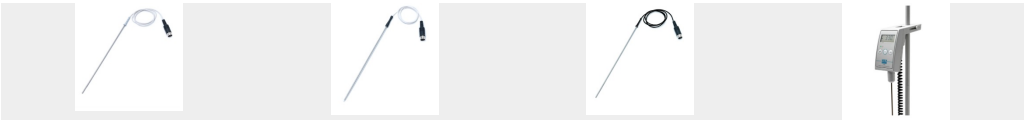
VELP Hemispheric Bowl precisely fit the **135 mm diameter** plate and the flask surface, ensuring the **fastest heat transfer.** Available in different sizes



A00000373	A00000330	A00000331	A00000332	A00000333	A00000334	A00000374	A00000375	PTFE Safety cover
Hemispheric bowl for 25 ml flasks	Hemispheric bowl for 50 ml flasks	Hemispheric bowl for 100 ml flasks	Hemispheric bowl for 250 ml flasks	Hemispheric bowl for 500 ml flasks	Hemispheric bowl for 1000 ml flasks	Hemispheric bowl for 3 L flasks	Hemispheric bowl for 5 L flasks	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	A00000349	A00000458	V1208063
Pt100 probe in AISI 316 Ti Ø3 mm	Pt100 glass temperature probe Ø5 mm	Pt1000 probe in AISI 316 Ti Ø3 mm	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

AREX 5 Digital version supplied with VTF digital thermoregulator and support rod.

Technical data

USER INTERFACE	Digital
HOUSING MATERIAL	Epoxy painted aluminum structure
PLATE MATERIAL	CerAlTop™ (ceramic coated aluminum alloy)
PLATE DIAMETER	135 mm
STIRRING VOLUME	20 L
STIRRING SPEED RANGE	50 - 1500 rpm

SPEED CONTROL	Digital
MOTOR	Brushless
TORQUE COMPENSATION	SpeedServo™
TEMPERATURE RANGE	Room temp - 310 °C
HEATING CONTROL	Digital
TEMPERATURE SETTING RESOLUTION	±1 °C
EXTERNAL TEMPERATURE SENSOR CONNECTION	Pt100 Pt1000 VTF
THERMOREGULATION ACCURACY	± 0.5 °C (VTF) ± 1.0 °C (Pt100, Pt100)
HOT PLATE WARNING SYSTEM	On Display (when the temperature is above 50 °C)
PROTECTION CLASS	IP 42
POWER INPUT	630 W
WEIGHT	1,7 kg (3,7 lb)
DIMENSIONS (WXHXD)	160x85x270 mm (6,3x3,3x10,6 in)

External dimensions of the product

Height	85	mm
Width	160	mm
Depth	270	mm

Code	Description	Digital Version	PT 100 probe	Rod support	VTF
V1525682	AREX 5 DIGITAL heating magnetic stirrer with VTF and rod	yes	yes	yes	yes