ALUMINUM TOP

VELP Scientifica offers a wide range of heating magnetic stirrers with aluminum top. Aluminum top ensures excellent conductivity and temperature homogeneity and good resistance to chemicals. As always VELP Scientifica ensures the most advanced safety standards.

Optimum Heat Transfer, Premium Homogeneity
Aluminum alloy top plate ensures outstanding temperature homogeneity and optimum heat transfer across the entire surface.

Intuitive Front Panel
With temperature and speed selector; the inclination of the front panel has been carefully studied to facilitate use.

Maximum Protection
High safety standard according to IP 42; overtemperature protection and dedicated run-off groove for leakages.

Eye-catching Design, Outstanding Comfort
Innovative low profile and attractive design for maximum comfort.

ARE

The ARE is widely used in research and development, industrial and university laboratories worldwide. It has an aluminum alloy heating plate coated with a protective coating in order to ensure uniform heat distribution and excellent resistance to chemicals.

The ARE is designed to last and equipped to ensure maximum protection against leakages with the elevated front panel and dedicated run-off groves.

The control panel is separated from the hot plate, this feature increases the safety rating during use and the durability of the instrument. The inclination of the front panel has been carefully studied to facilitate use.

Electronic speed regulation: up to 1500 rpm
Stirring volume (H₂O): up to 15 L
Temperature: up to 370 °C
SpeedServo™: constant speed even when the viscosity changes

AM4 AND AM4X

The AM4 is a multiple-position heating magnetic stirrer with four separately controlled stirring plates. The aluminum alloy heating plates are coated with a special protective layer and ensure uniform heat distribution and excellent resistance to chemicals.

The AM4X is designed to be combined with VTF Vertex digital thermoregulator, with integrated timer, for a precise temperature control of the liquid up to 300 °C (± 0.5 °C).

Electronic speed regulation: up to 1500 rpm
Stirring volume (H₂O): up to 15 L per position
Temperature: up to 370 °C
Distance between stirring position centres: 186 mm
SpeedServo™: constant speed even when the viscosity changes
AREX

The AREX has an aluminum alloy heating plate to ensure uniform heat distribution over the entire surface, with a special protective white ceramic coating that ensures easiness of cleaning and excellent resistance to chemicals, scratches and surface abrasions. This hot plate stirrer ensures precise thermoregulation of the heating plate as well as a high degree of reliability and safety.

The AREX is designed to last and equipped to ensure maximum protection against leakages with the elevated front panel and dedicated run-off groove.

The control panel is separated from the hot plate, this feature increases the safety rating during use and the durability of the instrument. The inclination of the front panel has been carefully studied to facilitate use.

The AREX has a socket for the connection of a VTF Vertex digital thermoregulator for direct temperature control of the liquid.

Electronic speed regulation: up to 1500 rpm
Stirring volume (H2O): up to 20 L
Temperature: up to 370 °C
SpeedServo™: constant speed even when the viscosity changes

ALUBLOCKS™

AluBlocks™ can be mixed and matched to get any combination of vessel: use different vessel types and sizes at the same time for clean, safe and reliable synthesis.

INSTRUMENT | POWER SUPPLY | CODE No  
---|---|---
AREX | 230 V / 50-60 Hz | F20500413  
AREX | 115 V / 60 Hz | F20510413  
AREX with VTF - Package | 230 V / 50-60 Hz | SA20500413 *  
AREX with VTF - Package | 115 V / 60 Hz | SA20510413 *

* Support rod included

Optional Accessories

| ALUBLOCKS™ Base | A00000228  
| Green AluBlock™, 4 pos., Ø 28 x h 30 mm | A00000230  
| Red AluBlock™, 4 pos., Ø 21.6 x h 31.7 mm | A00000232  
| Black AluBlock™, 4 pos., Ø 28 x h 24 mm | A00000231  
| Orange AluBlock™, 4 pos., Ø 24 x h 43 mm | A00000229  
| Blue AluBlock™, 6 pos., Ø 17.8 x h 26 mm | A00000233  
| Gold AluBlock™, 11 pos., Ø 15.2 x h 20 mm | A00000234  

The AREX Digital and AREX Digital PRO offers the most advanced technology, as they are equipped with digital display to precisely set and monitor the stirring speed and the temperature. The aluminum alloy heating plate provides uniform heat distribution over the entire surface, with a special protective white ceramic coating that ensures easiness of cleaning and excellent resistance to chemicals, scratches and surface abrasions.

The AREX Digital is designed to be combined with external probe Pt100, whilst AREX Digital PRO can even support VTF Vertex digital thermoregulator or to a temperature control probe. VTF offers maximum performance for a perfect and precise thermoregulation up to 300 °C (± 0.5 °C) with an integrated timer, whilst with the external probe up to 250 °C (± 1.0 °C).

Electronic speed regulation: up to 1500 rpm
Stirring volume (H₂O): up to 20 L
Temperature: up to 370 °C
SpeedServo™: constant speed even when the viscosity changes

AREX Digital and AREX Digital PRO

**INSTRUMENT** | **POWER SUPPLY** | **CODE No**
---|---|---
AREX Digital with Probe - Package | 230 V / 50-60 Hz | SA20500411
AREX Digital with Probe - Package | 115 V / 60 Hz | SA20510411
AREX Digital PRO with VTF - Package | 230 V / 50-60 Hz | SB20500410 *
AREX Digital PRO with VTF - Package | 115 V / 60 Hz | SB20510410 *

* Support rod included

**AREX, AREX, AREX Digital, AREX Digital PRO, AM4, AM4X ACCESSORIES**

<table>
<thead>
<tr>
<th>OPTIONAL ACCESSORIES</th>
<th>CODE No</th>
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<tbody>
<tr>
<td>Hemispheric bowl for 50 ml flasks</td>
<td>A00000273</td>
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<tr>
<td>Hemispheric bowl for 100 ml flasks</td>
<td>A00000258</td>
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<tr>
<td>Hemispheric bowl for 250 ml flasks</td>
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<tr>
<td>Hemispheric bowl for 500 ml flasks</td>
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<tr>
<td>Hemispheric bowl for 1000 ml flasks</td>
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<tr>
<td>Magnetic stirring bar, 6x35 mm</td>
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<tr>
<td>Magnetic stirring bar, 9x60 mm</td>
<td>A00001061</td>
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</tbody>
</table>

* AREX and AREX Digital PRO

Magnetic stirring bar, 10x40 mm | A00001060 |
Magnetic stirring bar, 4.5x12 mm | A00001063 |
Magnetic stirring bar, 3x6 mm | A00001062 |
VTF Vertex, digital Thermoregulator | F208B0063 * |
VTF EVO Vertex, Wi-fi Digital thermoregulator | F208B0064 * |
Spiral cable for other Thermoregulators | 40000781 *
Support rod | A00001069 |
Clamp for PT100 probe | A00000280 |
External probe for AREX Digital | A00000288 |
Protective cover | A00000284 |