

HEATING MAGNETIC STIRRERS

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CERAMIC TOP

AREC Series is the first heating magnetic stirrer to have an innovative technopolymer body, ideal for **premium resistance to acids, bases and solvents**. AREC Series is **designed to last** and equipped to ensure **maximum protection** against leakages with the elevated front panel, dedicated run-off groove and the "Hot Plate Warning". 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**.

Powerful Motor, Counter-reaction

Able to stir volumes at very high speeds; counter-reaction technology provides constant speed even when the viscosity changes.

Innovative Technopolymer Body

Technopolymer structure ensures premium resistance to acids, bases and solvents. New premium materials for innovative solutions.

Remarkable Resistance, Extremely Easy to Clean

Ceramic, which is an inert and very hard material, offers outstanding resistance to almost any type of chemical or mechanical aggression.

Intuitive Front Panel, Bright Digital Display

Repeatable and precise results; the inclination of the front panel has been carefully studied to facilitate use.

Maximum Protection, "Hot Plate Warning"

High safety standard according to IP 42; dedicated run-off groove for leakages and high temperature digital warning, that remains displayed until the plate has cooled down to 50 °C.

Eye-catching Design, Outstanding Comfort

Highly innovative low profile and attractive design for maximum comfort.

HSC

The **HSC** is an **analog hot plate stirrer** with **white a ceramic heating plate**, that ensures **excellent resistance** to chemicals and scratches and is **extremely easy to clean**.

Electronic speed regulation: up to 1300 rpm

Stirring volume (H₂O): up to 15 L

Temperature: up to 400 °C

INSTRUMENT	POWER SUPPLY	CODE No
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HSC	230 V / 50-60 Hz	F20500101
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HSC	115 V / 60 Hz	F20510101
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AREC

The **AREC** is a **digital heating magnetic stirrer** with a **white ceramic hot plate**, that ensures **excellent resistance** to chemicals and scratches and is **extremely easy to clean**.

A microprocessor ensures constant speed even when the viscosity changes (**counter-reaction**). Microprocessor technology ensures **fast heating** and provides **precise speed and temperature setting**, as the digital display constantly shows set temperature.

The AREC has an **ergonomic and innovative design** with a **clear and bright digital display**.

Electronic speed regulation: up to 1500 rpm

Stirring volume (H₂O): up to 15 L

Temperature: up to 550 °C

SpeedServo™: constant speed even when the viscosity changes

INSTRUMENT	POWER SUPPLY	CODE No
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AREC	230 V / 50-60 Hz	F20500011
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AREC	115 V / 60 Hz	F20510011
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AREC.X

The **AREC.X** is a **digital heating magnetic stirrer** with a **white ceramic hot plate**, that ensures **excellent resistance** to chemicals and scratches and is **extremely easy to clean**.

A microprocessor ensures constant speed even when the viscosity changes (**counter-reaction**). Microprocessor technology ensures **fast heating** and provides **precise speed and temperature setting**, as the digital display constantly shows set temperature.

The AREC.X has an **ergonomic and innovative design** with a clear and **bright digital display**.

AREC.X can also be used **stand-alone**, or for precise thermoregulation of the liquid, it **can be connected to 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 15 L

Temperature: up to 550 °C

SpeedServo™: constant speed even when the viscosity changes



INSTRUMENT	POWER SUPPLY	CODE No
AREC.X	230 V / 50-60 Hz	F20500061
AREC.X	115 V / 60 Hz	F20510061
AREC.X with Probe - Package	230 V / 50-60 Hz	SA20500061 *
AREC.X with Probe - Package	115 V / 60 Hz	SA20510061 *
AREC.X with VTF - Package	230 V / 50-60 Hz	SB20500061 **
AREC.X with VTF - Package	115 V / 60 Hz	SB20510061 **

* Support rod and clamp for Pt100 probe included

** Support rod included



AREC.X with support rod and external probe



AREC.X with support rod and VTF

AREC.T

The **AREC.T** is a **digital heating magnetic stirrer** with a **white ceramic hot plate**, that ensures **excellent resistance** to chemicals and scratches and is **extremely easy to clean**.

A microprocessor ensures constant speed even when the viscosity changes (**counter-reaction**).

Microprocessor technology ensures **fast heating** and provides **precise speed and temperature setting**, as the digital display constantly shows set temperature.

The AREC.T has an **ergonomic and innovative design** with a clear and **bright digital display**.

The digital heating magnetic stirrer AREC.T has an **integrated programmable timer** up to 999 minutes with **automatic switch off** of the heating and stirring phases.

Electronic speed regulation: up to 1500 rpm

Stirring volume (H₂O): up to 15 L

Temperature: up to 550 °C

SpeedServo™: constant speed even when the viscosity changes

INSTRUMENT	POWER SUPPLY	CODE No
AREC.T	230 V / 50-60 Hz	F20500051
AREC.T	115 V / 60 Hz	F20510051



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	HEATING PLATE	HEATING PLATE DIMENSIONS mm (in)	STIRRING SPEED rpm	STIRRING VOLUME L	TEMPERATURE REGULATION °C	SPEEDSERVO™	OVERTEMP. PROTECTION	DIMENSIONS (WxHxD) mm (in)	WEIGHT Kg (lb)	POWER SUPPLY	POWER
AREC	Ceramic	180x180 (7.1x7.1)	up to 1500	up to 15	Ambient to 550	•	•	203x94x344 (8.0x3.7x13.5)	3.3 (7.3)	115 or 230V	800 W
HSC	Ceramic	180x180 (7.1x7.1)	up to 1300	up to 15	Ambient to 400	•	•	203x94x344 (8.0x3.7x13.5)	3.3 (7.3)	115 or 230V	800 W
AREC.X	Ceramic	180x180 (7.1x7.1)	up to 1500	up to 15	Ambient to 550	•	•	203x94x344 (8.0x3.7x13.5)	3.3 (7.3)	115 or 230V	800 W
AREC.T	Ceramic	180x180 (7.1x7.1)	up to 1500	up to 15	Ambient to 550	•	•	203x94x344 (8.0x3.7x13.5)	3.3 (7.3)	115 or 230V	800 W

AREC, HSC, AREC.X, AREC.T ACCESSORIES

OPTIONAL ACCESSORIES	CODE No
Hemispheric bowl for 100 ml flasks	A0000258
Hemispheric bowl for 250 ml flasks	A00001071
Hemispheric bowl for 500 ml flasks	A00001072
Hemispheric bowl for 1000 ml flasks	A00001073
Magnetic stirring bar, 6x35 mm	A00001056
Magnetic stirring bar, 9.5x60 mm	A00001061
Magnetic stirring bar, 10x40 mm	A00001060

OPTIONAL ACCESSORIES	CODE No
VTF Vertex, digital Thermoregulator	F208B0063 *
Spiral cable for other Thermoregulators	40000781 *
Support rod	A00001069
Clamp for PT100 probe	A00000004 *
External probe for AREC.X	A00000268 *

* AREC.X only

HEATING PLATES ALUMINUM AND CERAMIC TOP

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RC AND RC2

Single (**RC**) and double (**RC2**) heating plates with **temperature regulation**. The **aluminum alloy heating plates** are coated with a special protective layer that ensures **uniform heat distribution** over the entire surface and **excellent resistance** to chemicals.

Temperature: up to 370 °C
Distance between stirring position centres (RC2): 186 mm

INSTRUMENT	POWER SUPPLY	CODE No
RC	230 V / 50-60 Hz	F20700431
RC	115 V / 50-60 Hz	F20710431
RC2	230 V / 50-60 Hz	F20700430
RC2	115 V / 50-60 Hz	F20710430



REC

The **REC** is a **digital hot plate** with **white ceramic heating plate**, that ensures **excellent resistance** to chemicals and scratches and is **extremely easy to clean**. REC has an innovative technopolymer body, ideal for **premium resistance to acids, bases and solvents**. The REC is **designed to last** and equipped to ensure **maximum protection** against leakages with the elevated front panel, dedicated run-off groove and **"Hot Plate Warning"**. Microprocessor technology ensures **fast heating** and provides **precise temperature setting**.

Temperature: up to 550 °C

INSTRUMENT	POWER SUPPLY	CODE No
REC	230 V / 50-60 Hz	F20700081
REC	115 V / 50-60 Hz	F20710081



RC, RC2, REC ACCESSORIES

OPTIONAL ACCESSORIES	CODE No
Hemispheric bowl for 100 ml flasks	A00000258
Hemispheric bowl for 250 ml flasks	A00001071
Hemispheric bowl for 500 ml flasks	A00001072
Hemispheric bowl for 1000 ml flasks	A00001073

OPTIONAL ACCESSORIES	CODE No
Support rod	A00001069 *

* for REC and RC