

ARE 5

The ARE 5 is the entry-level hotplate stirrer that has become a reference for many laboratories around the world ranging from university, research centers to industrial.

RELIABLE AND ROBUST

- Insulating disk to protect internal parts.
- The 135 mm diameter aluminum alloy top plate ensures a great temperature homogeneity and optimum heat transfer across the entire surface.
- Two illuminated indicators always inform the operator when heating is on and temperature above 50°C.
- Stirs up to 15 l from 100 to 1500 rpm with SpeedServo™ counter reaction.
- Brushless motor ensuring power and resistance over time.



ARE 5

CONFIGURATIONS



CONFIGURATIONS CODES

		AREX 5 Digital	AREX 5	ARE 5
STIRRER ONLY	230 V / 60-60 Hz 116 V / 60 Hz	F20500580 F20510580	F20500570 F20510570	F20500560 F20510560
WITH PT100 TEMPERATURE PROBE	230 V / 60-60 Hz 116 V / 60 Hz	SA20500580 SA20510580	- -	- -
WITH PT100, SUPPORT ROD AND CLAMP	230 V / 60-60 Hz 116 V / 60 Hz	SC20500580 SC20510580	- -	- -
WITH VTF AND SUPPORT ROD	230 V / 60-60 Hz 116 V / 60 Hz	SB20500580 SB20510580	SA20500570 SA20510570	- -

TECHNICAL DATA

	AREX 5 DIGITAL	AREX 5	ARE 5
USER INTERFACE	Digital	Analog	Analog
HOUSING MATERIAL	Epoxy painted aluminum structure	Epoxy painted aluminum structure	Epoxy painted aluminum structure
PLATE MATERIAL	CerA/Top™ (ceramic coated aluminum alloy)	CerA/Top™ (ceramic coated aluminum alloy)	Aluminum Alloy
PLATE DIAMETER	136 mm	136 mm	136 mm
STIRRING VOLUME (H ₂ O)	20 L	20 L	16 L
STIRRING SPEED RANGE	60 - 1600 rpm	100 - 1600 rpm	100 - 1600 rpm
SPEED CONTROL	Digital	Analog	Analog
MOTOR	Brushless	Brushless	Brushless
TORQUE COMPENSATION	SpeedServo™	SpeedServo™	SpeedServo™
TEMPERATURE RANGE	Room temp. - 310 °C	Room temp. - 310 °C	Room temp. - 310 °C
HEATING CONTROL	Digital	Analog	Analog
TEMPERATURE SETTING RESOLUTION	1°C	-	-
EXTERNAL TEMPERATURE SENSOR CONNECTION	Pt100 Pt1000 VTF	VTF	-
THERMOREGULATION ACCURACY	± 0.6 °C (VTF) ± 1 (Pt100, Pt1000)	± 0.6 °C (VTF)	-
HOT TOP WARNING SYSTEM	On Display (when the temperature is above 60 °C)	Illuminated icon (when the temperature is above 60 °C)	Illuminated icon (when the temperature is above 60 °C)
PROTECTION CLASS	IP 42	IP 42	IP 42
POWER INPUT	630 w	630 w	630 w
PERMISSIBLE AMBIENT TEMPERATURE	6 - 40 °C	6 - 40 °C	6 - 40 °C
WEIGHT	1,7 kg (3,7 lb)	1,7 kg (3,7 lb)	1,7 kg (3,7 lb)
DIMENSIONS (WxHxD)	160x86x270 mm 6,3x3,3x10,6 in	160x86x270 mm 6,3x3,3x10,6 in	160x86x270 mm 6,3x3,3x10,6 in