

## VELP Scientifica Solutions for Heating & Stirring - AREC Series Ceramic Hotplate Stirrers



**AREC 4**

**AREC 4 Digital**

**AREC 7**

**AREC 7 Digital**

**AREC 7 Connect**

**AREC 10 Digital**

Housing Material	Aluminum body Technopolymer enclosure	Aluminum body Technopolymer enclosure	Aluminum body Technopolymer enclosure	Aluminum body Technopolymer enclosure	Aluminum body Technopolymer enclosure	Aluminum body Technopolymer enclosure
Plate Material	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic
Plate Dimension	100x100 mm 4x4 in	100x100 mm 4x4 in	180x180 mm 7x7 in	180x180 mm 7x7 in	180x180 mm 7x7 in	260x260 mm 10x10 in
Stirring Volume (H <sub>2</sub> O)	5 L	5 L	15 L	15 L	20 L	25 L
Stirring Speed Range	100 - 1500 rpm	100 - 1500 rpm	100 - 1500 rpm	100 - 1500 rpm	30 - 1700 rpm	100 - 1500 rpm
Motor	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
Torque Compensation	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™
Temperature Range	Room temp. - 550 °C	Room temp. - 550 °C	Room temp. - 550 °C	Room temp. - 550 °C	Room temp. - 550 °C	Room temp. - 550 °C
External Temperature Sensor Connection	-	Pt100 / Pt1000 VTF	-	Pt100 / Pt1000 VTF	Pt100 (included)	Pt100 / Pt1000 VTF
Thermoregulation Range	-	Room temp. - 350 °C	-	Room temp. - 350 °C	Room temp. - 300 °C	Room temp. - 350 °C
Thermoregulation Accuracy	-	± 1 °C (Pt100/Pt1000) ± 0.5 °C (VTF)	-	± 1 °C (Pt100/Pt1000) ± 0.5 °C (VTF)	± 0.5 °C (Pt100)	± 1 °C (Pt100/Pt1000) ± 0.5 °C (VTF)
Timer	-	-	-	-	Yes (1 min - 99 h 59 min)	-
Autoreverse	-	-	-	-	Yes (5 s - 99 min 59 s)	-
Intermittent Mode	-	-	-	-	Yes (5 s - 99 min 59 s)	-
Power Input	280 W	280 W	800 W	800 W	800 W	230 V / 50-60 Hz: 1530 W 115 V / 60 Hz: 1520 W 100 V / 50-60 Hz: 1320 W
Weight	1,9 kg (4.2 lb)	1,9 kg (4.2 lb)	3.5 kg 7.7 lb	3.5 kg 7.7 lb	3.3 kg 7.3 lb	5,6 kg (12.4 lb)
Dimensions (WxHxD)	160x100x270 mm (6,3x3,9x10,6 in)	160x100x270 mm (6,3x3,9x10,6 in)	160x100x270 mm 6,3x3,9x10,6 in	160x100x270 mm 6,3x3,9x10,6 in	203x94x344 mm 8,0x3,7x13,5 in	280x100x420 mm 11,02x3,93x16,53 in
Ermes Connection	-	-	-	-	Yes, via Wi-Fi	-



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