

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



AREC Connect



AREC.X



AREC



HSC

	AREC Connect	AREC.X	AREC	HSC
Housing Material	Technopolymer	Technopolymer	Technopolymer	Technopolymer
Plate Material	Ceramic	Ceramic	Ceramic	Ceramic
Plate Dimension	180x180 mm 7x7 in	180x180 mm 7x7 in	180x180 mm 7x7 in	180x180 mm 7x7 in
Stirring Volume (H ₂ O)	20 L	15 L	15 L	15 L
Stirring Speed Range	30 - 1700 rpm	50 - 1500 rpm	50 - 1500 rpm	50 - 1300 rpm
Motor	Brushless	Monophase PCM	Monophase PCM	Monophase PCM
Torque Compensation	SpeedServo™	Electronic regulation	Electronic regulation	
Temperature Range	Room temp. - 550 °C	Room temp. - 550 °C	Room temp. - 550 °C	Room temp. - 400 °C
External Temperature Sensor Connection	Pt100 (included)	Pt100 (included in the systems with probe) VTF (included in the system with VTF)		
Thermoregulation Range	Room temp. - 300 °C	Room temp. - 250 °C		
Thermoregulation Accuracy	± 0.5 °C (Pt100)	± 1 °C (Pt100) ± 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	800 W	800 W	800 W	800 W
Weight	3.3 kg 7.3 lb	3.5 kg 7.7 lb	3.5 kg 7.7 lb	3.2 kg 7 lb
Dimensions (WxHxD)	203x94x344 mm 8.0x3.7x13.5 in	203x94x344 mm 8.0x3.7x13.5 in	203x94x344 mm 8.0x3.7x13.5 in	203x94x344 mm 8.0x3.7x13.5 in
Ermes Connection	Yes, via Wi-Fi			



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