

Chameleon - Adaptable Reactor Technology

		Standard	Options
Part number	A534	46910	
Maximum number of vessels		4	
Connection between adjacent vessels	inches	1/16"	
Reactor material		Stainless Steel	
Reactor diameter	mm	125	
Reactor height	mm	110	
Working volume	mL	20	√
Seals (other options available)		FKM	√
Temperature range	°C	Ambient to 130	
Temperature Sensor (316 Stainless Steel sheath)		Type K	√
Temperature Sensor diameter	inches	1/16"	√
Pressure rating	bar	30	
Lid material		Stainless Steel	
Port configuration		Standard 1/4-28 connections Inlet Outlet One temperature port Sampling/Gauge connection	√
Stirring method		Magnetic	
Stirrer type		Flea	
Max Speed	rpm	1500	
Display		VGA	
Set point Stirring Speed setting resolution	rpm	1	
Stirring Speed display resolution	rpm	1	
Accuracy	%	2	
Dimensions, without dome (W x D x H)	mm	650 x 250 x 500	
Weight	kg	20	
Heating Method (see accessories)		Circulator	
Connectivity to reactors		Common Manifold	
Circulator inlet	inches	1/4"	
Circulator outlet	inches	1/4"	
Circulator Pump Capacity required	L/min	20	
Circulator Heating capacity required	kW	1	
<u>Electrical (Stirring)</u>			
Voltage	V	220 - 240 / 110 - 115	
Frequency	Hz	50/60	
Power	W	750W	
<u>Environment</u>			
Permissible ambient temperature	°C	5 - 40	
Permissible relative moisture		No data	

Accessories

Pumps e.g. Masterflex (peristaltic)
 Circulators e.g. Julabo FP series
 PC and temperature logging e.g. Pico

http://www.masterflex.com/Catalog/manual_pdfs/A-1299-0559.pdf
<http://www.julabo-gmbh.de/manual/english/19512446.pdf>
<http://www.picotech.com/document/datasheets/usb-tc08.pdf>