

1000 Series Cooler Sample Conditioning System - Integration Options

Lead Time	Integration Options (Part Number Configurator: SCS-1000)	
3 wks	SCP	Integrate 1000 cooler on a powder coated plate with accessories selected below
	SCU	Integrate 1000 cooler in a U-Bracket with accessories selected below
Cooler		
	1040	One 10" Heat Exchanger, (1) Active, (1) Sample Stream
	1050	Two 10" Heat Exchangers, (1) Passive/(1) Active, (1) Sample Stream
	1060	Two 10" Heat Exchangers, (2) Active, (1) Sample Stream
	1080	Two 10" Heat Exchangers, (2) Active, (2) Sample Streams
	1090	Four 10" Heat Exchangers, (2) Passive/(2) Active, (1) or (2) Sample Streams
+2 wks	1390	Three 10" Heat Exchangers, (3) Active, (1) or (3) Sample Streams
	1490	Four 10" Heat Exchangers, (4) Active, (1), (2) or (4) Sample Streams
10" Heat Exchanger Material (Price per Heat Exchanger)		
	SS	316 Stainless Steel: (Inner and Outer)
	PV	Glass/Kynar: (Kynar Inner/Glass Outer)
	C	Hastelloy C-276: (316SS Inner/C-276 Outer)
+5 wks	CC	Hastelloy C-276: (Inner and Outer)
	ST	Teflon Coated 316 Stainless Steel:
+3 wks	SW	316 Welded Stainless Steel: (High Pressure)
	SN	SilcoNert™ 2000 coated 316 Stainless Steel:
	KK	Kynar/Kynar: (Inner and Outer)
	N	No Heat Exchangers Included
Voltage & Area Location Classification		
	115	115 VAC 50/60 Hz; General Purpose (GP) Area
	230	230 VAC 50/60 Hz; General Purpose (GP) Area
	115HL	115 VAC 50/60 Hz Class I, Div. 2 Hazardous Location (HL) (1090 Only)
	230HL	230 VAC 50/60 Hz Class I, Div. 2 Hazardous Location (HL) (1090 Only)
Stream Configuration		
	DS	Dual Sample Stream (Options for Models 1080 & 1090 only)
	TS	Tri Stream Mode - 1390 Only
	QS	Quad Stream Mode - 1490 Only
	S	Single Sample Stream
Condensate Drain		
	P	Peristaltic Pump(s)
		1040 Cooler - One Heat Exchanger
		1050, 1060 & 1080 Cooler - Two Heat Exchangers
		1390 Cooler - Three Heat Exchangers
		1090 Cooler - Four Heat Exchanger (2 Dual Head Pumps)
	LD	Liquid Drainer
		1040 Cooler - One Heat Exchanger
		1050, 1060 & 1080 Cooler - Two Heat Exchangers
		1390 Cooler - Three Heat Exchangers
		1090 Cooler - Four Heat Exchangers
	A	Aspirated Drainer
		1040 Cooler - One Heat Exchanger
		1050, 1060 & 1080 Cooler - Two Heat Exchangers
		1390 Cooler - Three Heat Exchangers
		1090 Cooler - Four Heat Exchangers
	N	No Condensate Drain
Sample Pump with one pressure controller per sample stream *Not Std Option for 1390 or 1490 - High Vacuum/ Dual Stream Function Determined by "Stream Configuration" - Hazardous Location Determined by "Voltage & Area Location Classification"		
	SP1	Single Head/General Purpose Area (One per Sample Stream)
		Sample Pump designed for hazardous location installation (one per Sample Stream).
		Dual Head, Single Sample for High Vacuum General Purpose
	SP2	Dual Head, Dual Sample Stream General Purpose
		Dual Head, Single Sample for High Vacuum - Hazardous Area
		Dual Head, Dual Sample Stream - Hazardous Area
+1 wk	N	No Sample Pump
Condensate Carry-Over Sensor (One per stream when selected)		
	CCSF	with 2um Ceramic Filter
	CCS	without Filter
	N	No Condensate Carry-Over Sensor
Vacuum Alarm Indicators (Switches not available with Hazardous Location Certification)		
	VG	Vacuum Gauge
	VS	Vacuum Switch
	VGS	Vacuum Gauge & Vacuum Switch
	N	No Vacuum Gauge or Switch
Pressure Alarm Indicators (Switches not available with Hazardous Location Certification)		
	PG	Pressure Gauge
	PS	Pressure Switch
	PGS	Pressure Gauge & Press Switch
	N	No Pressure Gauge or Switch
Flow meter with 316SS Needle Valve		
	FM1	1.0 LPM
	FM2.5	2.5 LPM
	FM5	5.0 LPM
	FM10	10.0 LPM
	N	No Flowmeters
New Jersey Options		
	TCK	New Jersey Option - Type K T/C - Stand alone option
	TCJ	New Jersey Option - Type J T/C - Stand alone option
	N	No New Jersey Option
Peltier Options		
+1 wk	SPE	Stacked Peltier elements - Stand alone option
	S	Standard Peltiers
Additional Pump Head		
	PX1	One Extra Peristaltic Pump Head (Maximum Number of Heads per Pump is 3)
	PX2	Two Extra Peristaltic Pump Head (Maximum Number of Heads per Pump is 3)
	N	No Extra Pump Heads
Peristaltic Tubing Options		
	PP1	Phar-Med High Pressure Pump Tubing
	PP2	Viton Pump Tubing
	PP3	Tygon Fuel Grade Tubing
	PP4	Norprene Tubing
	S	Standard Tubing
	N	No Tubing
SCP-1080-SS-115-S-P-SP1-CCSF-VGS-PGS-FM5-N-S-N-S -- Standard Part Number		

* Lead Times are not compounded. Lead time is Cooler + longest option.

Drawings SCP = P1176