

Box #	Description	Manufacturer	Part Number	Quantity	Comment
1	Thermocouple gauge Tube			6	Contract Requirement
1	Signal Conditioning Modules		DSCA 38-01	3	
			DSCA 38-03	4	
			DSCA 38-05	1	
			DSCA 38-07	2	
1	Voltage Tap Jumper Bars	Dyna Power		6	for power supply
1	PLC Analog Input Module		F4-09THM	1	
1	VCL Gas Return Isolators	Kurt Lesker	CFT15V1253	4	
1	20 Pin Vacuum Feedthru	MDC	647052	1	Cryobox A, B, 0 deg. Port
1	10 Pin Vacuum Feedthru	MDC	3.646659	1	Cryobox D port
1	Metal O-ring for bellows valves	Nupro	SS-gskt-12U-SV	1	Seal Kits for 4 g/s and high flow G He retrun control valves
1	Diaphragm valves	Nupro	SS-3DK-DS	2	Seal Kits for 4 g/s and high flow G He retrun control valves
1	JT Drive Breaker	A-B	1492-CB1G005	1	
1	DC Output Module	Crouzet	DR-0DC5	1	
1	Strain Gauge Bridge Module			1	
1	High Voltage 20 Pin Vac. Feedthru	MDC		1	Transition Box A, B, & C
1	Parallel Plate Pressure Relief Spring			1	
1	Seal Rings	Ability	75600-B-0106	9	Spares for JT Valve Steam
1	Seal Washers	Ability	75600-B-0115	1	Spares for JT Valve Steam
1	Bushing	Ability		1	Spares for JT Valve Steam
1	Temperature Sensors	Neocera		5	for PT 102s
1	Temperature Sensors	Neocera		5	ROX: 4 are in use on lead collimator
1	Quad wire	Neocera		10 lengths	~ 10 meters
1	VCL Ground Plane insulator mounting bolts			14	G10 material
1	CVI pump tubes	CVI		3	Contract Requirement
1	CVI manual connection valve	CVI		1	Contract Requirement
1	Viton O-rings	MMC		24	Contract Requirement - for 315 deg. port and cryobox pressure relief seals
1	ASA - 6: O-rings	MDC	540018	3	
1	ASA - 7: O-rings	MDC	540020	9	
2	1/4" O-ring material: Buna - N			250 feet	Main endcap seals
2	VCL Ground Plane Insulator Covers			2	
2	1/8" O-ring material: Buna - N			100 feet	Downstream head window seals
2	Rack Enclosure connection end plates	CSI		2	

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3	Mini Conflat Flange Seals	MDC	GK-075	46	Contract Requirement
3	2 3/4" Conflat Flange Seals	MDC	GK-150	12	Contract Requirement
3	4 1/2" Conflat Flange Seals	MDC&Dunway	GK-250 & G-450	34	Contract Requirement
3	6" Conflat Flange Seals	MDC		6	Contract Requirement
3	8" Conflat Flange Seals	MDC		8	Contract Requirement
3	20" Conflat Flange Seals	MDC		20	Contract Requirement
3	13 1/3" Conflat Flange Seals	MDC		3	Contract Requirement
Not Boxed	Panduit Raceway Coverplates	CSI		4	18" covers
In Use	JT9	Ability		2	JT Local Controllers - In place spares being used
In Use	Temperature Monitors	Lake Shore		1	TM #6 "in place" and wired to control system
In Use	35 Pin Vacuum FeedThrus			2	In use on 225 port A, B for collimator platinum thermometers.
Cylinder	JT Stem with nitrogen tip	Ability		1	
Cylinder	He Level Sensor and Nitrogen Level Sensor			1 each	Contract Requirement (Both in same cylinder
Not Boxed	Bus Jumpers 600 MCM Flexcable	Flex Cable		1x3' & 4x 6'	5 total