

Vacuum	Re-use	On-Hand	Fab/Buy
<i>Dipole chamber</i>	x		
<i>Valve</i>	x		
<i>6-way cross</i>	x		
<i>Ion pump</i>	x		
<i>Viewer assmbly</i>	x		
<i>Welded bellows spool</i>	x		
<i>BPM</i>	x		
<i>Standard 4.5" nipple</i>		x	
<i>Standard 3.5" bellows</i>		x	
<i>Long spool</i>			x
<i>Welded bellows spool</i>	x		
<i>BPM</i>	x		
<i>Standard 4-way tee</i>		x	
<i>Fast valve sensor</i>			
<i>PEPPo 6-way cross</i>		x	
<i>Ion pump</i>		x	
<i>Viewer</i>		x	
<i>Faraday cup</i>		x	
<i>Reducer flange</i>		x	
<i>Standard 3.5" bellows</i>		x	
<i>Long spool</i>			x
<i>Ceramic break</i>		x	
<i>Reducer flange</i>		x	
<i>Cu radiator</i>			x
<i>4.5" flange</i>		x	

Mechanical	Re-use	On-Hand	Fab/Buy
<i>Dipole fixture plate</i>			x
<i>(11) 2-3/4" vee blocks</i>	8	?	?
<i>(2) 4-1/2" vee blocks</i>		2	
<i>Cu collimator</i>			x
<i>Cu collimator fixture</i>			x
<i>Al dump</i>			x
<i>Al dump fixture</i>			x
<i>1st girder/support</i>	x		
<i>2nd girder/support</i>			x
<i>3rd girder/support</i>			x
<i>Al girder/support</i>			x

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Type	RE-USE	MODIFY	ADD	COMMENT
<i>Dipole</i>	MBV0L02	n/a	n/a	Embedded Hall probe
<i>Quad (10 Amp)</i>	MQD5D00 MQD5D01	n/a	n/a	
<i>Corrector (1Amp)</i>	MBH5D00H MBH5D00V MBH5D01H MBH5D01V		MBH5D01AH MBH5D01AV MBH5D02H MBH5D02V	
<i>Valve</i>	VBV5D00	n/a	n/a	
<i>Ion Pump</i>	VIP5D00 VIP5D01	n/a	n/a	
<i>Fast Valve Gauge</i>	n/a	n/a	X	Controls new 0L02 FV
<i>Viewer</i>	ITV5D00	ITV5D01	n/a	New viewer assembly
<i>Insertable Fcup</i>	n/a	IFY5D01	n/a	Anti-collision circuit w/ ITV5D01 Needs LCW circuit/interlock
<i>Fixed dump</i>	n/a	n/a	IFY5D02	Re-use current monitoring