

<b>ITEM</b>	<b>MASS kg</b>	<b>ACRONYM</b>	<b>COMMENTS</b>
<b>SPECTROMETER</b>			
Structure	25.00	STR	Composite structure
Launch Lock	1.00	LOK	Typical for LASCO type
Primary Mirror	5.61	Optics	EM9907 : 3511C
Mirror Mount	0		Included in Primary Mirror
Scan Mechanism	0		Included in Primary Mirror
Grating	1.95		
Grating Mount	0		Included in Grating
Grating Mechanism	0		Included in Grating
Filters	0.20	Filter	Typical thickness and stiffness
Slit Assembly	1.21	SLA	EM9907 : 3510C
Shutter	0	SHT	Included in Slit Assembly
Focal Plane Assembly	1.00	FPA	Estimate
Shielding	0.50		Estimate
Readout Electronics	2.50	ROE	Estimate
Radiator	4.00		Estimate
Comtam Monitors	0.36	QCM	
Sensors & Heaters	0.20		Estimate
Multilayer Insulation	4.00	MLI	15 layer blankets with alternating mesh
Clamshell	3.90	CLM	
Mech/Heater Control	3.0	MHC	Estimate
Purge Harness	2.00	PUR	Estimate
Vacuum Harness	1.00	VAC	Estimate
Sub Total	57.43		
<b>INSTRUMENT CONTROL UNIT</b>	6.00	ICU	Estimate
<b>HARNESS</b>	4.00	HAR	Scaled from LASCO
<b>Total</b>	<b>67.43</b>		