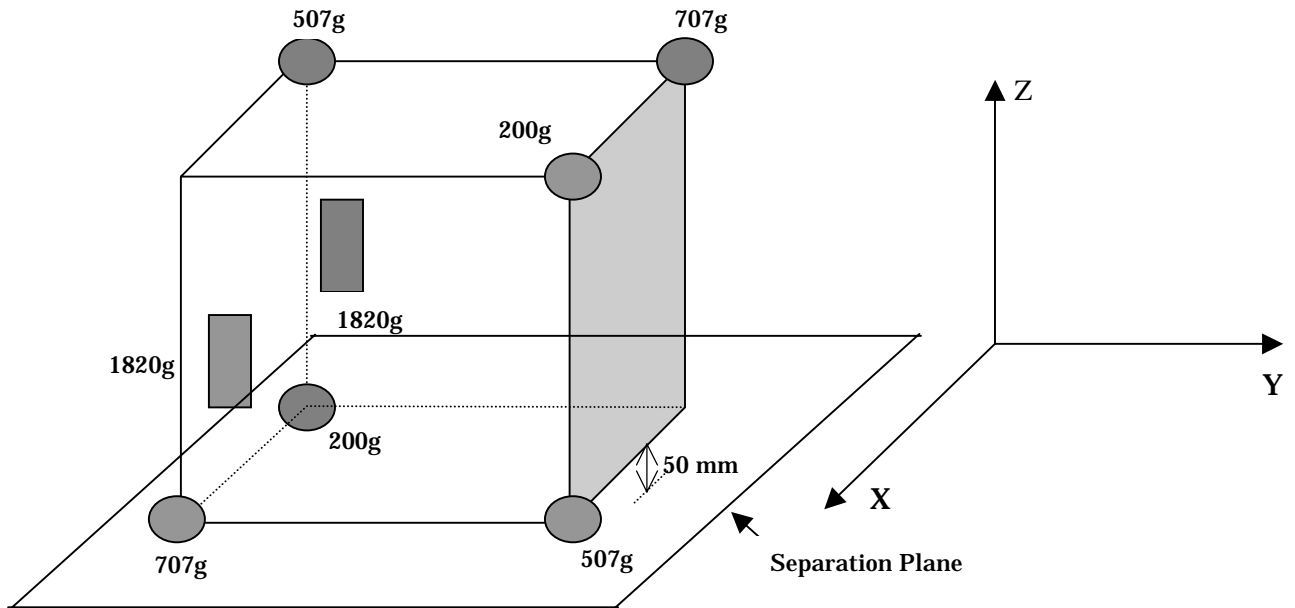


Figure.1: Mass and Allocation of BW(Balance Weight)



*1:The origin of the coordinate system is the bottom center of the SC adapter on the separation plane.

*2:The center of gravity is (-0.90, 0.06, 278.67).

Mass and Inertial Property (analyzed by Pro/ENGINEER)

Table.1: SAP Closed Condition

	Moment of Inertial and mass
Ixx	30400.0 (kgcm ²)
Iyy	33500.0 (kgcm ²)
Izz	35800.0 (kgcm ²)
Ixy	700.0 (kgcm ²)
Iyz	0.0 (kgcm ²)
Izx	0.0 (kgcm ²)
Izz/Iyy	1.05
Mass	70(kg)

*3: SAP (Solar Array Panel) Closed Condition