

SPACE ELECTRONICS, INC. - CENTRIFUGE SPECIFICATION SHEET

The Space Electronics Centrifuge provides simulated operational accelerations for high level environmental testing of mechanical and electrical components. Slip rings allow direct contact between stationary control hardware and the rotating test assembly. Up to seventy-two (72) contacts may be provided in current capacities of 1, 5 and 10 amps.

Control - An upright console houses manual controls for motor power and speed. Speed indication is provided in increments of 0.1 rpm.

Safety - The centrifuge enclosure is made of high strength steel and is outfitted with interlocks which inhibit operation of the system in the event an access door is left open.

Operating Environment - For maximum accuracy, the centrifuge should be located in an area which is free from vibration. The floor should be concrete and on ground level, so that centrifuge will remain in a level condition.

Electrical Power Required - 230VAC 3 PH, 60 HZ, 15 KVA

Centrifuge						
Model	Load Capacity (G-Lbs.)	Payload Capacity (Lb.)	Maximum Acceleration (G @ radius)	Mounting Size Plate (in.)	Speed Range (RPM)	Radius of Gyration (in.)
C350-20	20,000	200	400 @ 24 in	18 x 18	0-765	15-33
C350-30	30,000	200	400 @ 24 in	18 x 18	0-765	15-33
C450-20	20,000	200	200 @ 42 in	24 x 24	0-410	30-54
C450-30	30,000	200	200 @ 42 in	24 x 24	0-410	30-54
OPTIONS	DESCRIPTION					
SE9967	Unbalance Sensor					
SE9972	Programmable Controller					