

Joe Featherall and Mark Friscano
P09026
10/9/2008

Mechanical Design Bill of Materials					
Item	Quantity	Manufacturer	Part Number	Price	Description
ServoDrive-Computer Cable	1				Cable to connect the Actuator to the computer
Servo Drive	1				Actuator - Specs determined, in contact with suppliers
Servo Drive- Servo Cable	1				
Servo-Air Piston Connection	1				Connector for Actuator to cylinder connection
Air Piston	1	None			Modified previous air cylinder to be compatible with our design
Tygon Tubing					Tubing used in the system
Tubing Fitting					Fittings needed to secure tubing
Buffer Chamber	1	None			Will use the chamber from the previous design
Heart Chamber	1	None			Donated from Dr. Schwarz
Compliance Chamber	1				Compliance chamber to be mounted on top of the heart chamber
Quick Disconnect	1				Valve to allow for connection of other medical devices
Globe Valve	1				Used for the resistance in the system
Reservoir Chamber	1				Chamber design in process
Heart Stand	1				Joe will be designing and manufacutring
Mounting Plates for Actuator/Cylinder Combo	1				Mark will be designing
Cart	1	None			Donated from Dr. Schwarz