

## Equipment Power Consumption

Please use the following power consumption information for guidance when preparing your facility power supply for installation of ViVibro Labs test equipment.

### Pulse Duplicator

Test Equipment	Power Consumption
SuperPump	Max 300W
AmPack	Max 10W
Heat Bath*	Heater Capacity 1.2kW
Laptop	~60W
Flow Meter*	25W

\*We recommend connecting the Flow Meter to a different circuit than the Heat Bath. The Flow Meter is a sensitive measurement instrument and the large Heat Bath current draw can cause minor disturbances in the flow measurements when the heater switches on.

### HiCycle

Below are power consumption values for the HiCycle at various operating conditions.

Test Parameter	Operating Conditions**	Power Consumption
# Valves	N/A – system idle	65 W
Target Peak Diff. Pressure***	N/A – system idle	
Cycle Rate	N/A – system idle	
Amplitude	N/A – system idle	

<b>Test Parameter</b>	<b>Operating Conditions**</b>	<b>Power Consumption</b>
# Valves	3	80 W
Target Peak Diff. Pressure***	50 mmHg	
Cycle Rate	557 CPM	
Amplitude	0.67	

<b>Test Parameter</b>	<b>Operating Conditions**</b>	<b>Power Consumption</b>
# Valves	3	90 W
Target Peak Diff. Pressure***	100 mmHg	
Cycle Rate	815 CPM	
Amplitude	0.92	

<b>Test Parameter</b>	<b>Operating Conditions**</b>	<b>Power Consumption</b>
# Valves	6	250 W
Target Peak Diff. Pressure***	180 mmHg	
Cycle Rate	1840 CPM	
Amplitude	8.47	

\*\*Includes heating system set to 37°C

\*\*\*Systems tuned to meet 95%/5% rule at Target Peak Differential Pressure