

Instrument	Qty.	Current (A)	Voltage (v)	
Benthic Chambers	2			
Stir motor	2	0.058	9-12	MicroMo/ From Barry's BR
Purge valve	2	0.5	9-12	
Oxygen optode (Aanderaa 3830)	2	0.07	5-14	
Rack motor	2	7	12-24	
Rover Instruments				
Current Meter	1	0.012	9-28	
Camera-Transit	1	0.2	24	Digital camera specs
Strobe	1	3	18-30	
Light	2	4	12-24	
Video Camera-BR	2	0.2	11-30	
Propulsion motor	2	7	12-48	
Acoustic modem	2	1-2 ave	14-28	For transmitting, Benthos
Controllers				
MVC- On power (PC-104)	1	0.45	5	
MVC- standby power, sleepy	1	0.0068	12	
Motor controller	1	1.4	5	Based on Galil, Elmo 'Maestro' runs at 24v
Motor controller	1	0.08	+/- 12	Based on Galil
Video Server	1	0.67	7-20	
Scanner				
Ultrasound	2	0.13	12	
Fluorometer	4	0.08	7-15	
Motors	6	0.33	12	Based on current steppers