			I/O Definition for	Olfactometer	V102		
Bank-1		Bank-2		Bank-3		Bank-4	
Digital I/O	J6	Digital I/O	J15	Digital I/O	J22	Digital I/O	J29
Bit	Function	Bit	Function	Bit	Function	Bit	Function
	0 Odor Select Valve-1	0	Odor Select Valve-1	0	Odor Select Valve-1	C	Odor Select Valve-1
	1 Odor Select Valve-2		Odor Select Valve-2		Odor Select Valve-2		Odor Select Valve-2
	2 Odor Select Valve-3	2	Odor Select Valve-3	2	Odor Select Valve-3	2	Odor Select Valve-3
	3 Odor Select Valve-4		Odor Select Valve-4		Odor Select Valve-4		Odor Select Valve-4
	4 Odor Select Valve-5	4	Odor Select Valve-5	4	Odor Select Valve-5		Odor Select Valve-5
	5 Odor Select Valve-6		Odor Select Valve-6	5	Odor Select Valve-6		Odor Select Valve-6
	6 Odor Select Valve-7	6	Odor Select Valve-7	6	Odor Select Valve-7		Odor Select Valve-7
	7 Odor Select Valve-8	7	Odor Select Valve-8	7	Odor Select Valve-8	7	Odor Select Valve-8
	8 Odor Select Valve-9		Odor Select Valve-9	8	Odor Select Valve-9	8	Odor Select Valve-9
	9 Odor Select Valve-10		Odor Select Valve-10		Odor Select Valve-10		Odor Select Valve-10
1	10 Odor Select Valve-11		Odor Select Valve-11		Odor Select Valve-11		Odor Select Valve-11
1	11 Odor Select Valve-12	11	Odor Select Valve-12		Odor Select Valve-12	11	Odor Select Valve-12
1	12 Odor Select Valve-13	12	Odor Select Valve-13	12	Odor Select Valve-13		Odor Select Valve-13
	13 Odor Select Valve-14		Odor Select Valve-14		Odor Select Valve-14		Odor Select Valve-14
1	14 Odor Select Valve-15	14	Odor Select Valve-15		Odor Select Valve-15		Odor Select Valve-15
	15 Odor Select Valve-16		Odor Select Valve-16		Odor Select Valve-16	15	Odor Select Valve-16
	16 Soft Enable Valve		Soft Enable Valve		Soft Enable Valve		Soft Enable Valve
	17 Dilution PWM Valve-1		Dilution PWM Valve-1		Dilution PWM Valve-1		Dilution PWM Valve-1
	18 Dilution PWM Valve-2		Dilution PWM Valve-2		Dilution PWM Valve-2		Dilution PWM Valve-2
	19 Dilution PWM Valve-3		Dilution PWM Valve-3		Dilution PWM Valve-3		Dilution PWM Valve-3
	20 Enable Odor PWM Valve		Enable Odor PWM Valve		Enable Odor PWM Valve		Enable Odor PWM Valve
	21 Enable Dilution PWM Valves		Enable Dilution PWM Valves		Enable Dilution PWM Valves		<b>Enable Dilution PWM Valves</b>
	22 Enable Carrier PWM Valve		Enable Carrier PWM Valve		Enable Carrier PWM Valve		Enable Carrier PWM Valve
	23 Hard Enable		Hard Enable		Hard Enable		Hard Enable
Analog In	J2	Analog In	J10	Analog In	J17	Analog In	J24
	0 Odor PID Sensor-1		Odor PID Sensor-2		Odor PID Sensor-3		Odor PID Sensor-4
	1 Dilution PID Sensor-1	1	Dilution PID Sensor-1	1	Dilution PID Sensor-1	1	Dilution PID Sensor-1
	2 Dilution PID Sensor-2		Dilution PID Sensor-2		Dilution PID Sensor-2		Dilution PID Sensor-2
	3 Dilution PID Sensor-3	3	Dilution PID Sensor-3	3	Dilution PID Sensor-3	3	Dilution PID Sensor-3
	4 Dilution PID Sensor-4		Dilution PID Sensor-4		Dilution PID Sensor-4		Dilution PID Sensor-4
	5 Carrier PID Sensor-1	5	Carrier PID Sensor-2	5	Carrier PID Sensor-3	5	Carrier PID Sensor-4
Analog O	ut J4	Analog Out	J12	Analog Out	J20	Analog Out	J27
<u> </u>	0 Odor PID Valve-1		Odor PID Valve-2		Odor PID Valve-3		Odor PID Valve-4
	1 Dilution PID Valve-1		Dilution PID Valve-1		Dilution PID Valve-1		Dilution PID Valve-1
	2 Dilution PID Valve-2		Dilution PID Valve-2		Dilution PID Valve-2		2 Dilution PID Valve-2
	3 Dilution PID Valve-3		Dilution PID Valve-3	3	Dilution PID Valve-3		Dilution PID Valve-3
	J5		J14		J21		J28
	4 Dilution PID Valve-4	4	Dilution PID Valve-4	4	Dilution PID Valve-4	4	Dilution PID Valve-4
	5 Carrier PID Valve-1		Carrier PID Valve-2		Carrier PID Valve-3		Carrier PID Valve-4