For a complete library of rotameter callibration data, visit:
http://www.mathesongas.com/gas-handling/rotameter-FAQ

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UNITS : SLPM OXYGEN
TUBE NUMBER : 603(E500) TYPICAL
FLOAT NUMBER : 002
FLOAT MATERIAL: 316 ST. STL.

DATE : 12-12-1991
STD CONDITIONS : 1 ATMOS. &70 DEG F
GAS TEMPERATURE : 70 DEG F
PRESSURE IN TUBE : 20 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	7.0360	110.0	5.7442	70.0	3.9550	30.0	1.8508
149.0	7.0134	109.0	5.7040	69.0	3.9063	29.0	1.7934
148.0	6.9902	108.0	5.6635	68.0	3.8573	28.0	1.7356
147.0	6.9664	107.0	5.6228	67.0	3.8082	27.0	1.6776
146.0	6.9419	106.0	5.5818	66.0	3.7589	26.0	1.6192
145.0	6.9169	105.0	5.5405	65.0	3.7095	25.0	1.5606
144.0	6.8913	104.0	5.4989	64.0	3.6598	24.0	1.5016
143.0	6.8652	103.0	5.4571	63.0	3.6100	23.0	1.4423
142.0	6.8384	102.0	5.4151	62.0	3.5600	22.0	1.3826
141.0	6.8112	101.0	5.3727	61.0	3.5098	21.0	1.3226
140.0	6.7833	100.0	5.3302	60.0	3.4594	20.0	1.2622
139.0	6.7550	99.0	5.2874	59.0	3.4088	19.0	1.2015
138.0	6.7262	98.0	5.2443	58.0	3.3581	18.0	1.1405
137.0	6.6968	97.0	5.2010	57.0	3.3072	17.0	1.0790
136.0	6.6669	96.0	5.1575	56.0	3.2560	16.0	1.0172
135.0	6.6366	95.0	5.1138	55.0	3.2047	15.0	0.9550
134.0	6.6058	94.0	5.0698	54.0	3.1532	14.0	0.8924
133.0	6.5745	93.0	5.0257	53.0	3.1015	13.0	0.8294
132.0	6.5427	92.0	4.9813	52.0	3.0496	12.0	0.7660
131.0	6.5105	91.0	4.9367	51.0	2.9975	11.0	0.7022
130.0	6.4779	90.0	4.8918	50.0	2.9452	10.0	0.6380
129.0	6.4448	89.0	4.8468	49.0	2.8926	9.0	0.5733
128.0	6.4113	88.0	4.8016	48.0	2.8399	8.0	0.5082
127.0	6.3774	87.0	4.7562	47.0	2.7870	7.0	0.4426
126.0	6.3430	86.0	4.7105	46.0	2.7338	6.0	0.3766
125.0	6.3083	85.0	4.6647	45.0	2.6804	5.0	0.3101
124.0	6.2732	84.0	4.6187	44.0	2.6268		
123.0	6.2377	83.0	4.5725	43.0	2.5730		
122.0	6.2018	82.0	4.5261	42.0	2.5190		
121.0	6.1655	81.0	4.4795	41.0	2.4647		
120.0	6.1289	80.0	4.4328	40.0	2.4102		
119.0	6.0919	79.0	4.3858	39.0	2.3554		
118.0	6.0546	78.0	4.3387	38.0	2.3004		
117.0	6.0169	77.0	4.2913	37.0	2.2451		
116.0	5.9789	76.0	4.2438	36.0	2.1896		
115.0	5.9406	75.0	4.1961	35.0	2.1338		
114.0	5.9019	74.0	4.1483	34.0	2.0778		
113.0	5.8629	73.0	4.1002	33.0	2.0215		
112.0	5.8236	72.0	4.0520	32.0	1.9649		
111.0	5.7841	71.0	4.0036	31.0	1.9080		