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

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UNITS : SLPM OXYGEN
TUBE NUMBER : 604(E700) TYPICAL
FLOAT NUMBER : 005
FLOAT MATERIAL: GLASS

DATE : 09-06-1991
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	13.7923	110.0	10.0718	70.0	6.3081	30.0	2.5063
149.0	13.6982	109.0	9.9788	69.0	6.2129	29.0	2.4127
148.0	13.6043	108.0	9.8858	68.0	6.1177	28.0	2.3191
147.0	13.5104	107.0	9.7926	67.0	6.0225	27.0	2.2257
146.0	13.4167	106.0	9.6995	66.0	5.9272	26.0	2.1325
145.0	13.3230	105.0	9.6063	65.0	5.8319	25.0	2.0394
144.0	13.2295	104.0	9.5130	64.0	5.7365	24.0	1.9465
143.0	13.1361	103.0	9.4197	63.0	5.6412	23.0	1.8538
142.0	13.0427	102.0	9.3264	62.0	5.5458	22.0	1.7612
141.0	12.9494	101.0	9.2329	61.0	5.4504	21.0	1.6689
140.0	12.8562	100.0	9.1395	60.0	5.3550	20.0	1.5768
139.0	12.7631	99.0	9.0459	59.0	5.2596	19.0	1.4848
138.0	12.6700	98.0	8.9523	58.0	5.1641	18.0	1.3931
137.0	12.5770	97.0	8.8587	57.0	5.0687	17.0	1.3016
136.0	12.4840	96.0	8.7650	56.0	4.9733	16.0	1.2103
135.0	12.3911	95.0	8.6712	55.0	4.8779	15.0	1.1193
134.0	12.2982	94.0	8.5774	54.0	4.7824	14.0	1.0285
133.0	12.2054	93.0	8.4835	53.0	4.6870	13.0	0.9380
132.0	12.1126	92.0	8.3896	52.0	4.5916	12.0	0.8477
131.0	12.0198	91.0	8.2956	51.0	4.4963	11.0	0.7577
130.0	11.9271	90.0	8.2015	50.0	4.4009	10.0	0.6680
129.0	11.8344	89.0	8.1074	49.0	4.3056	9.0	0.5786
128.0	11.7417	88.0	8.0132	48.0	4.2103	8.0	0.4895
127.0	11.6490	87.0	7.9189	47.0	4.1150	7.0	0.4007
126.0	11.5563	86.0	7.8246	46.0	4.0198	6.0	0.3122
125.0	11.4636	85.0	7.7302	45.0	3.9247	5.0	0.2240
124.0	11.3709	84.0	7.6358	44.0	3.8296		
123.0	11.2783	83.0	7.5413	43.0	3.7345		
122.0	11.1856	82.0	7.4468	42.0	3.6395		
121.0	11.0929	81.0	7.3522	41.0	3.5446		
120.0	11.0002	80.0	7.2575	40.0	3.4497		
119.0	10.9075	79.0	7.1628	39.0	3.3549		
118.0	10.8147	78.0	7.0680	38.0	3.2602		
117.0	10.7220	77.0	6.9732	37.0	3.1656		
116.0	10.6292	76.0	6.8783	36.0	3.0711		
115.0	10.5364	75.0	6.7834	35.0	2.9767		
114.0	10.4435	74.0	6.6884	34.0	2.8824		
113.0	10.3507	73.0	6.5934	33.0	2.7882		
112.0	10.2578	72.0	6.4984	32.0	2.6941		
111.0	10.1648	71.0	6.4032	31.0	2.6002		