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

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UNITS : SLPM ARGON
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	12.2994	110.0	8.9323	70.0	5.6033	30.0	2.2552
149.0	12.2141	109.0	8.8489	69.0	5.5200	29.0	2.1709
148.0	12.1289	108.0	8.7655	68.0	5.4367	28.0	2.0866
147.0	12.0438	107.0	8.6821	67.0	5.3534	27.0	2.0023
146.0	11.9587	106.0	8.5988	66.0	5.2701	26.0	1.9179
145.0	11.8738	105.0	8.5155	65.0	5.1867	25.0	1.8335
144.0	11.7888	104.0	8.4322	64.0	5.1033	24.0	1.7491
143.0	11.7040	103.0	8.3489	63.0	5.0200	23.0	1.6646
142.0	11.6192	102.0	8.2657	62.0	4.9366	22.0	1.5802
141.0	11.5345	101.0	8.1824	61.0	4.8531	21.0	1.4956
140.0	11.4498	100.0	8.0992	60.0	4.7697	20.0	1.4111
139.0	11.3652	99.0	8.0159	59.0	4.6862	19.0	1.3265
138.0	11.2807	98.0	7.9327	58.0	4.6028	18.0	1.2419
137.0	11.1962	97.0	7.8495	57.0	4.5193	17.0	1.1572
136.0	11.1118	96.0	7.7663	56.0	4.4357	16.0	1.0725
135.0	11.0274	95.0	7.6831	55.0	4.3522	15.0	0.9878
134.0	10.9431	94.0	7.5999	54.0	4.2686	14.0	0.9030
133.0	10.8588	93.0	7.5168	53.0	4.1850	13.0	0.8182
132.0	10.7746	92.0	7.4336	52.0	4.1014	12.0	0.7334
131.0	10.6905	91.0	7.3504	51.0	4.0178	11.0	0.6485
130.0	10.6064	90.0	7.2673	50.0	3.9341	10.0	0.5636
129.0	10.5223	89.0	7.1841	49.0	3.8504	9.0	0.4787
128.0	10.4383	88.0	7.1009	48.0	3.7667	8.0	0.3937
127.0	10.3543	87.0	7.0178	47.0	3.6830	7.0	0.3087
126.0	10.2704	86.0	6.9346	46.0	3.5992	6.0	0.2237
125.0	10.1865	85.0	6.8514	45.0	3.5154	5.0	0.1386
124.0	10.1026	84.0	6.7683	44.0	3.4316		
123.0	10.0188	83.0	6.6851	43.0	3.3478		
122.0	9.9350	82.0	6.6019	42.0	3.2639		
121.0	9.8513	81.0	6.5188	41.0	3.1800		
120.0	9.7676	80.0	6.4356	40.0	3.0961		
119.0	9.6839	79.0	6.3524	39.0	3.0121		
118.0	9.6003	78.0	6.2692	38.0	2.9281		
117.0	9.5167	77.0	6.1860	37.0	2.8441		
116.0	9.4331	76.0	6.1028	36.0	2.7601		
115.0	9.3496	75.0	6.0196	35.0	2.6760		
114.0	9.2661	74.0	5.9363	34.0	2.5919		
113.0	9.1826	73.0	5.8531	33.0	2.5078		
112.0	9.0991	72.0	5.7698	32.0	2.4236		