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

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UNITS : SLPM HELIUM
TUBE NUMBER : 605(E800) TYPICAL
FLOAT NUMBER : 005
FLOAT MATERIAL: GLASS

DATE : 08-12-1991
STD CONDITIONS : 1 ATMOS. &70 DEG F
GAS TEMPERATURE : 70 DEG F
DELIVERY PRESSURE : 0 PSIG

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---|---|---|---|---|---|---|---|
| 150.0 | 54.9823 | 110.0 | 35.0764 | 70.0 | 18.8936 | 30.0 | 4.8891 |
| 149.0 | 54.3589 | 109.0 | 34.6563 | 69.0 | 18.4994 | 29.0 | 4.6280 |
| 148.0 | 53.7450 | 108.0 | 34.2379 | 68.0 | 18.1059 | 28.0 | 4.3742 |
| 147.0 | 53.1403 | 107.0 | 33.8210 | 67.0 | 17.7134 | 27.0 | 4.1278 |
| 146.0 | 52.5447 | 106.0 | 33.4054 | 66.0 | 17.3219 | 26.0 | 3.8890 |
| 145.0 | 51.9577 | 105.0 | 32.9912 | 65.0 | 16.9314 | 25.0 | 3.6582 |
| 144.0 | 51.3791 | 104.0 | 32.5782 | 64.0 | 16.5421 | 24.0 | 3.4356 |
| 143.0 | 50.8087 | 103.0 | 32.1664 | 63.0 | 16.1540 | 23.0 | 3.2214 |
| 142.0 | 50.2462 | 102.0 | 31.7556 | 62.0 | 15.7673 | 22.0 | 3.0160 |
| 141.0 | 49.6913 | 101.0 | 31.3457 | 61.0 | 15.3820 | 21.0 | 2.8196 |
| 140.0 | 49.1438 | 100.0 | 30.9368 | 60.0 | 14.9982 | 20.0 | 2.6324 |
| 139.0 | 48.6035 | 99.0 | 30.5287 | 59.0 | 14.6160 | 19.0 | 2.4549 |
| 138.0 | 48.0700 | 98.0 | 30.1213 | 58.0 | 14.2356 | 18.0 | 2.2872 |
| 137.0 | 47.5432 | 97.0 | 29.7147 | 57.0 | 13.8571 | 17.0 | 2.1297 |
| 136.0 | 47.0227 | 96.0 | 29.3087 | 56.0 | 13.4806 | 16.0 | 1.9827 |
| 135.0 | 46.5085 | 95.0 | 28.9032 | 55.0 | 13.1061 | 15.0 | 1.8464 |
| 134.0 | 46.0002 | 94.0 | 28.4983 | 54.0 | 12.7340 | 14.0 | 1.7211 |
| 133.0 | 45.4977 | 93.0 | 28.0939 | 53.0 | 12.3642 | 13.0 | 1.6073 |
| 132.0 | 45.0006 | 92.0 | 27.6900 | 52.0 | 11.9969 | 12.0 | 1.5052 |
| 131.0 | 44.5089 | 91.0 | 27.2865 | 51.0 | 11.6322 | 11.0 | 1.4151 |
| 130.0 | 44.0222 | 90.0 | 26.8833 | 50.0 | 11.2704 | 10.0 | 1.3373 |
| 129.0 | 43.5405 | 89.0 | 26.4805 | 49.0 | 10.9115 | 9.0 | 1.2722 |
| 128.0 | 43.0634 | 88.0 | 26.0781 | 48.0 | 10.5558 | 8.0 | 1.2201 |
| 127.0 | 42.5908 | 87.0 | 25.6759 | 47.0 | 10.2033 | 7.0 | 1.1814 |
| 126.0 | 42.1226 | 86.0 | 25.2741 | 46.0 | 9.8542 | 6.0 | 1.1564 |
| 125.0 | 41.6584 | 85.0 | 24.8726 | 45.0 | 9.5088 | 5.0 | 1.1454 |
| 124.0 | 41.1982 | 84.0 | 24.4714 | 44.0 | 9.1671 | | |
| 123.0 | 40.7417 | 83.0 | 24.0705 | 43.0 | 8.8294 | | |
| 122.0 | 40.2888 | 82.0 | 23.6698 | 42.0 | 8.4959 | | |
| 121.0 | 39.8393 | 81.0 | 23.2695 | 41.0 | 8.1667 | | |
| 120.0 | 39.3931 | 80.0 | 22.8695 | 40.0 | 7.8420 | | |
| 119.0 | 38.9500 | 79.0 | 22.4699 | 39.0 | 7.5220 | | |
| 118.0 | 38.5097 | 78.0 | 22.0706 | 38.0 | 7.2069 | | |
| 117.0 | 38.0723 | 77.0 | 21.6717 | 37.0 | 6.8970 | | |
| 116.0 | 37.6375 | 76.0 | 21.2732 | 36.0 | 6.5924 | | |
| 115.0 | 37.2052 | 75.0 | 20.8752 | 35.0 | 6.2933 | | |
| 114.0 | 36.7753 | 74.0 | 20.4777 | 34.0 | 6.0000 | | |
| 113.0 | 36.3475 | 73.0 | 20.0807 | 33.0 | 5.7127 | | |
| 112.0 | 35.9219 | 72.0 | 19.6844 | 32.0 | 5.4316 | | |
| 111.0 | 35.4983 | 71.0 | 19.2886 | 31.0 | 5.1570 | | |