



MATHESON

ask...The Gas Professionals™

MATHESON

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|----------------|-------------------|------------------|------------------|
| UNITS | SLPM METHANE | DATE | June 24, 2002 |
| TUBE NUMBER | 603(E500) TYPICAL | STD CONDITIONS | 1 ATM & 70 DEG F |
| FLOAT NUMBER | OO2 | GAS TEMPERATURE | 70 DEG F |
| FLOAT MATERIAL | GLASS | PRESSURE IN TUBE | 20 PSIG |

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| 150.0 | 5.6200 | 110.0 | 4.6976 | 70.0 | 3.3835 | 30.0 | 1.6957 |
| 149.0 | 5.6037 | 109.0 | 4.6688 | 69.0 | 3.3464 | 29.0 | 1.6469 |
| 148.0 | 5.5869 | 108.0 | 4.6398 | 68.0 | 3.3091 | 28.0 | 1.5977 |
| 147.0 | 5.5697 | 107.0 | 4.6106 | 67.0 | 3.2716 | 27.0 | 1.5481 |
| 146.0 | 5.5521 | 106.0 | 4.5812 | 66.0 | 3.2338 | 26.0 | 1.4981 |
| 145.0 | 5.5341 | 105.0 | 4.5515 | 65.0 | 3.1959 | 25.0 | 1.4477 |
| 144.0 | 5.5157 | 104.0 | 4.5216 | 64.0 | 3.1576 | 24.0 | 1.3968 |
| 143.0 | 5.4969 | 103.0 | 4.4915 | 63.0 | 3.1192 | 23.0 | 1.3456 |
| 142.0 | 5.4778 | 102.0 | 4.4612 | 62.0 | 3.0805 | 22.0 | 1.2938 |
| 141.0 | 5.4582 | 101.0 | 4.4307 | 61.0 | 3.0416 | 21.0 | 1.2416 |
| 140.0 | 5.4383 | 100.0 | 4.4000 | 60.0 | 3.0024 | 20.0 | 1.1890 |
| 139.0 | 5.4181 | 99.0 | 4.3691 | 59.0 | 2.9630 | 19.0 | 1.1359 |
| 138.0 | 5.3975 | 98.0 | 4.3379 | 58.0 | 2.9234 | 18.0 | 1.0823 |
| 137.0 | 5.3765 | 97.0 | 4.3066 | 57.0 | 2.8835 | 17.0 | 1.0283 |
| 136.0 | 5.3552 | 96.0 | 4.2750 | 56.0 | 2.8433 | 16.0 | 0.9737 |
| 135.0 | 5.3336 | 95.0 | 4.2432 | 55.0 | 2.8029 | 15.0 | 0.9186 |
| 134.0 | 5.3116 | 94.0 | 4.2113 | 54.0 | 2.7623 | 14.0 | 0.8631 |
| 133.0 | 5.2893 | 93.0 | 4.1791 | 53.0 | 2.7213 | 13.0 | 0.8070 |
| 132.0 | 5.2667 | 92.0 | 4.1467 | 52.0 | 2.6801 | 12.0 | 0.7504 |
| 131.0 | 5.2438 | 91.0 | 4.1142 | 51.0 | 2.6386 | 11.0 | 0.6933 |
| 130.0 | 5.2205 | 90.0 | 4.0814 | 50.0 | 2.5968 | 10.0 | 0.6356 |
| 129.0 | 5.1970 | 89.0 | 4.0484 | 49.0 | 2.5548 | 9.0 | 0.5774 |
| 128.0 | 5.1732 | 88.0 | 4.0153 | 48.0 | 2.5125 | 8.0 | 0.5186 |
| 127.0 | 5.1490 | 87.0 | 3.9819 | 47.0 | 2.4698 | 7.0 | 0.4592 |
| 126.0 | 5.1246 | 86.0 | 3.9483 | 46.0 | 2.4269 | 6.0 | 0.3993 |
| 125.0 | 5.0999 | 85.0 | 3.9145 | 45.0 | 2.3837 | 5.0 | 0.3388 |
| 124.0 | 5.0749 | 84.0 | 3.8806 | 44.0 | 2.3402 | | |
| 123.0 | 5.0496 | 83.0 | 3.8464 | 43.0 | 2.2963 | | |
| 122.0 | 5.0241 | 82.0 | 3.8120 | 42.0 | 2.2522 | | |
| 121.0 | 4.9983 | 81.0 | 3.7774 | 41.0 | 2.2077 | | |
| 120.0 | 4.9722 | 80.0 | 3.7427 | 40.0 | 2.1629 | | |
| 119.0 | 4.9458 | 79.0 | 3.7077 | 39.0 | 2.1178 | | |
| 118.0 | 4.9192 | 78.0 | 3.6725 | 38.0 | 2.0723 | | |
| 117.0 | 4.8924 | 77.0 | 3.6371 | 37.0 | 2.0265 | | |
| 116.0 | 4.8653 | 76.0 | 3.6015 | 36.0 | 1.9803 | | |
| 115.0 | 4.8379 | 75.0 | 3.5657 | 35.0 | 1.9338 | | |
| 114.0 | 4.8103 | 74.0 | 3.5297 | 34.0 | 1.8869 | | |
| 113.0 | 4.7825 | 73.0 | 3.4935 | 33.0 | 1.8397 | | |
| 112.0 | 4.7544 | 72.0 | 3.4570 | 32.0 | 1.7921 | | |
| 111.0 | 4.7261 | 71.0 | 3.4204 | 31.0 | 1.7441 | | |