



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM NITROGEN DATE : 10-08-1991  
 TUBE NUMBER : 601(E200) TYPICAL STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 002 GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: 316 ST. STL. PRESSURE IN TUBE : 50 PSIG

| SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE | SCALE READING | FLOW RATE |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| 150.0         | 578.896   | 110.0         | 348.983   | 70.0          | 175.569   | 30.0          | 61.557    |
| 149.0         | 572.548   | 109.0         | 343.925   | 69.0          | 172.006   | 29.0          | 59.421    |
| 148.0         | 566.228   | 108.0         | 338.902   | 68.0          | 168.480   | 28.0          | 57.318    |
| 147.0         | 559.936   | 107.0         | 333.916   | 67.0          | 164.993   | 27.0          | 55.247    |
| 146.0         | 553.672   | 106.0         | 328.966   | 66.0          | 161.542   | 26.0          | 53.208    |
| 145.0         | 547.436   | 105.0         | 324.052   | 65.0          | 158.129   | 25.0          | 51.200    |
| 144.0         | 541.228   | 104.0         | 319.175   | 64.0          | 154.754   | 24.0          | 49.224    |
| 143.0         | 535.050   | 103.0         | 314.334   | 63.0          | 151.416   | 23.0          | 47.280    |
| 142.0         | 528.901   | 102.0         | 309.530   | 62.0          | 148.115   | 22.0          | 45.367    |
| 141.0         | 522.782   | 101.0         | 304.763   | 61.0          | 144.851   | 21.0          | 43.484    |
| 140.0         | 516.692   | 100.0         | 300.032   | 60.0          | 141.625   | 20.0          | 41.632    |
| 139.0         | 510.632   | 99.0          | 295.339   | 59.0          | 138.435   | 19.0          | 39.810    |
| 138.0         | 504.603   | 98.0          | 290.683   | 58.0          | 135.283   | 18.0          | 38.019    |
| 137.0         | 498.604   | 97.0          | 286.063   | 57.0          | 132.168   | 17.0          | 36.257    |
| 136.0         | 492.636   | 96.0          | 281.482   | 56.0          | 129.089   | 16.0          | 34.525    |
| 135.0         | 486.699   | 95.0          | 276.937   | 55.0          | 126.047   | 15.0          | 32.822    |
| 134.0         | 480.793   | 94.0          | 272.430   | 54.0          | 123.042   | 14.0          | 31.148    |
| 133.0         | 474.918   | 93.0          | 267.960   | 53.0          | 120.073   | 13.0          | 29.503    |
| 132.0         | 469.076   | 92.0          | 263.528   | 52.0          | 117.141   | 12.0          | 27.886    |
| 131.0         | 463.265   | 91.0          | 259.133   | 51.0          | 114.245   | 11.0          | 26.297    |
| 130.0         | 457.487   | 90.0          | 254.776   | 50.0          | 111.385   | 10.0          | 24.737    |
| 129.0         | 451.741   | 89.0          | 250.456   | 49.0          | 108.561   | 9.0           | 23.204    |
| 128.0         | 446.027   | 88.0          | 246.174   | 48.0          | 105.773   | 8.0           | 21.698    |
| 127.0         | 440.347   | 87.0          | 241.930   | 47.0          | 103.021   | 7.0           | 20.219    |
| 126.0         | 434.699   | 86.0          | 237.724   | 46.0          | 100.304   | 6.0           | 18.767    |
| 125.0         | 429.085   | 85.0          | 233.555   | 45.0          | 97.623    | 5.0           | 17.341    |
| 124.0         | 423.504   | 84.0          | 229.424   | 44.0          | 94.977    |               |           |
| 123.0         | 417.957   | 83.0          | 225.332   | 43.0          | 92.367    |               |           |
| 122.0         | 412.443   | 82.0          | 221.276   | 42.0          | 89.791    |               |           |
| 121.0         | 406.964   | 81.0          | 217.259   | 41.0          | 87.250    |               |           |
| 120.0         | 401.519   | 80.0          | 213.280   | 40.0          | 84.745    |               |           |
| 119.0         | 396.108   | 79.0          | 209.339   | 39.0          | 82.273    |               |           |
| 118.0         | 390.732   | 78.0          | 205.435   | 38.0          | 79.836    |               |           |
| 117.0         | 385.390   | 77.0          | 201.569   | 37.0          | 77.434    |               |           |
| 116.0         | 380.083   | 76.0          | 197.742   | 36.0          | 75.065    |               |           |
| 115.0         | 374.811   | 75.0          | 193.952   | 35.0          | 72.730    |               |           |
| 114.0         | 369.575   | 74.0          | 190.200   | 34.0          | 70.429    |               |           |
| 113.0         | 364.374   | 73.0          | 186.485   | 33.0          | 68.161    |               |           |
| 112.0         | 359.208   | 72.0          | 182.809   | 32.0          | 65.927    |               |           |
| 111.0         | 354.078   | 71.0          | 179.170   | 31.0          | 63.725    |               |           |