



**MATHESON**

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**MATHESON**

166 Keystone Drive  
 Montgomeryville, PA 18936  
 +1 (800) 828-4313  
[www.mathesongas.com](http://www.mathesongas.com)

|                 |                     |                  |                       |
|-----------------|---------------------|------------------|-----------------------|
| UNITS           | : SCCM HELIUM       | DATE             | : 08-30-1991          |
| TUBE NUMBER     | : 601(E200) TYPICAL | STD CONDITIONS   | : 1 ATMOS. & 70 DEG F |
| FLOAT NUMBER    | : 002               | 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         | 220.267   | 110.0         | 121.240   | 70.0          | 55.576    | 30.0          | 16.390    |
| 149.0         | 217.303   | 109.0         | 119.230   | 69.0          | 54.293    | 29.0          | 15.719    |
| 148.0         | 214.367   | 108.0         | 117.240   | 68.0          | 53.026    | 28.0          | 15.063    |
| 147.0         | 211.457   | 107.0         | 115.270   | 67.0          | 51.776    | 27.0          | 14.421    |
| 146.0         | 208.575   | 106.0         | 113.321   | 66.0          | 50.541    | 26.0          | 13.794    |
| 145.0         | 205.720   | 105.0         | 111.391   | 65.0          | 49.323    | 25.0          | 13.183    |
| 144.0         | 202.892   | 104.0         | 109.482   | 64.0          | 48.120    | 24.0          | 12.585    |
| 143.0         | 200.090   | 103.0         | 107.592   | 63.0          | 46.934    | 23.0          | 12.003    |
| 142.0         | 197.314   | 102.0         | 105.722   | 62.0          | 45.763    | 22.0          | 11.435    |
| 141.0         | 194.564   | 101.0         | 103.872   | 61.0          | 44.608    | 21.0          | 10.882    |
| 140.0         | 191.840   | 100.0         | 102.041   | 60.0          | 43.469    | 20.0          | 10.344    |
| 139.0         | 189.142   | 99.0          | 100.229   | 59.0          | 42.345    | 19.0          | 9.821     |
| 138.0         | 186.469   | 98.0          | 98.436    | 58.0          | 41.238    | 18.0          | 9.313     |
| 137.0         | 183.821   | 97.0          | 96.663    | 57.0          | 40.145    | 17.0          | 8.819     |
| 136.0         | 181.199   | 96.0          | 94.908    | 56.0          | 39.069    | 16.0          | 8.341     |
| 135.0         | 178.601   | 95.0          | 93.172    | 55.0          | 38.007    | 15.0          | 7.877     |
| 134.0         | 176.028   | 94.0          | 91.455    | 54.0          | 36.961    | 14.0          | 7.428     |
| 133.0         | 173.480   | 93.0          | 89.757    | 53.0          | 35.931    | 13.0          | 6.994     |
| 132.0         | 170.956   | 92.0          | 88.077    | 52.0          | 34.916    | 12.0          | 6.575     |
| 131.0         | 168.456   | 91.0          | 86.415    | 51.0          | 33.916    | 11.0          | 6.171     |
| 130.0         | 165.981   | 90.0          | 84.771    | 50.0          | 32.931    | 10.0          | 5.782     |
| 129.0         | 163.529   | 89.0          | 83.146    | 49.0          | 31.962    | 9.0           | 5.408     |
| 128.0         | 161.100   | 88.0          | 81.539    | 48.0          | 31.007    | 8.0           | 5.049     |
| 127.0         | 158.695   | 87.0          | 79.949    | 47.0          | 30.068    | 7.0           | 4.705     |
| 126.0         | 156.314   | 86.0          | 78.377    | 46.0          | 29.144    | 6.0           | 4.377     |
| 125.0         | 153.955   | 85.0          | 76.824    | 45.0          | 28.235    | 5.0           | 4.063     |
| 124.0         | 151.619   | 84.0          | 75.287    | 44.0          | 27.341    |               |           |
| 123.0         | 149.307   | 83.0          | 73.768    | 43.0          | 26.462    |               |           |
| 122.0         | 147.016   | 82.0          | 72.267    | 42.0          | 25.598    |               |           |
| 121.0         | 144.749   | 81.0          | 70.783    | 41.0          | 24.749    |               |           |
| 120.0         | 142.503   | 80.0          | 69.316    | 40.0          | 23.915    |               |           |
| 119.0         | 140.280   | 79.0          | 67.866    | 39.0          | 23.095    |               |           |
| 118.0         | 138.079   | 78.0          | 66.434    | 38.0          | 22.291    |               |           |
| 117.0         | 135.899   | 77.0          | 65.018    | 37.0          | 21.502    |               |           |
| 116.0         | 133.741   | 76.0          | 63.619    | 36.0          | 20.727    |               |           |
| 115.0         | 131.605   | 75.0          | 62.237    | 35.0          | 19.967    |               |           |
| 114.0         | 129.490   | 74.0          | 60.872    | 34.0          | 19.222    |               |           |
| 113.0         | 127.396   | 73.0          | 59.523    | 33.0          | 18.492    |               |           |
| 112.0         | 125.323   | 72.0          | 58.191    | 32.0          | 17.777    |               |           |
| 111.0         | 123.271   | 71.0          | 56.875    | 31.0          | 17.076    |               |           |