



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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

UNITS : SCCM NITROGEN  
 TUBE NUMBER : #4 (E406)  
 SERIAL NUMBER : TYPICAL  
 FLOAT MATERIAL: GLASS

DATE : 07-16-1992  
 STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 GAS TEMPERATURE : 70 DEG F  
 PRESSURE IN TUBE : 50 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	1845.54	110.0	1362.78	70.0	817.33	30.0	244.88
149.0	1832.38	109.0	1350.50	69.0	802.44	29.0	232.88
148.0	1819.35	108.0	1338.15	68.0	787.52	28.0	221.11
147.0	1806.45	107.0	1325.75	67.0	772.57	27.0	209.56
146.0	1793.67	106.0	1313.28	66.0	757.59	26.0	198.25
145.0	1781.01	105.0	1300.75	65.0	742.60	25.0	187.20
144.0	1768.45	104.0	1288.15	64.0	727.58	24.0	176.40
143.0	1755.99	103.0	1275.48	63.0	712.56	23.0	165.86
142.0	1743.63	102.0	1262.74	62.0	697.52	22.0	155.61
141.0	1731.35	101.0	1249.93	61.0	682.49	21.0	145.64
140.0	1719.16	100.0	1237.04	60.0	667.45	20.0	135.98
139.0	1707.03	99.0	1224.09	59.0	652.41	19.0	126.62
138.0	1694.97	98.0	1211.06	58.0	637.39	18.0	117.58
137.0	1682.97	97.0	1197.95	57.0	622.38	17.0	108.87
136.0	1671.03	96.0	1184.77	56.0	607.40	16.0	100.49
135.0	1659.13	95.0	1171.51	55.0	592.43	15.0	92.48
134.0	1647.28	94.0	1158.18	54.0	577.50	14.0	84.82
133.0	1635.46	93.0	1144.77	53.0	562.61	13.0	77.53
132.0	1623.68	92.0	1131.28	52.0	547.75	12.0	70.63
131.0	1611.91	91.0	1117.72	51.0	532.95	11.0	64.13
130.0	1600.18	90.0	1104.09	50.0	518.20	10.0	58.03
129.0	1588.45	89.0	1090.38	49.0	503.50	9.0	52.36
128.0	1576.74	88.0	1076.59	48.0	488.88	8.0	47.11
127.0	1565.03	87.0	1062.73	47.0	474.32	7.0	42.31
126.0	1553.32	86.0	1048.80	46.0	459.85	6.0	37.96
125.0	1541.61	85.0	1034.80	45.0	445.46	5.0	34.08
124.0	1529.88	84.0	1020.73	44.0	431.16		
123.0	1518.15	83.0	1006.58	43.0	416.97		
122.0	1506.40	82.0	992.38	42.0	402.88		
121.0	1494.63	81.0	978.10	41.0	388.90		
120.0	1482.84	80.0	963.76	40.0	375.05		
119.0	1471.01	79.0	949.36	39.0	361.32		
118.0	1459.16	78.0	934.90	38.0	347.73		
117.0	1447.27	77.0	920.38	37.0	334.28		
116.0	1435.34	76.0	905.80	36.0	320.99		
115.0	1423.36	75.0	891.17	35.0	307.85		
114.0	1411.35	74.0	876.49	34.0	294.89		
113.0	1399.28	73.0	861.77	33.0	282.10		
112.0	1387.17	72.0	846.99	32.0	269.49		
111.0	1375.00	71.0	832.18	31.0	257.08		