



**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	DATE	: 10-08-1991
TUBE NUMBER	: 602(E300) 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	1866.77	110.0	1261.38	70.0	696.28	30.0	242.10
149.0	1851.72	109.0	1246.47	69.0	683.28	29.0	232.78
148.0	1836.64	108.0	1231.58	68.0	670.35	28.0	223.57
147.0	1821.55	107.0	1216.72	67.0	657.49	27.0	214.48
146.0	1806.44	106.0	1201.89	66.0	644.71	26.0	205.50
145.0	1791.31	105.0	1187.09	65.0	632.00	25.0	196.64
144.0	1776.18	104.0	1172.32	64.0	619.36	24.0	187.90
143.0	1761.03	103.0	1157.58	63.0	606.80	23.0	179.28
142.0	1745.87	102.0	1142.88	62.0	594.32	22.0	170.78
141.0	1730.70	101.0	1128.20	61.0	581.91	21.0	162.40
140.0	1715.52	100.0	1113.57	60.0	569.58	20.0	154.15
139.0	1700.33	99.0	1098.97	59.0	557.34	19.0	146.02
138.0	1685.14	98.0	1084.40	58.0	545.17	18.0	138.01
137.0	1669.93	97.0	1069.88	57.0	533.09	17.0	130.14
136.0	1654.73	96.0	1055.39	56.0	521.09	16.0	122.39
135.0	1639.52	95.0	1040.95	55.0	509.18	15.0	114.76
134.0	1624.31	94.0	1026.55	54.0	497.35	14.0	107.27
133.0	1609.10	93.0	1012.19	53.0	485.61	13.0	99.91
132.0	1593.88	92.0	997.87	52.0	473.96	12.0	92.68
131.0	1578.67	91.0	983.60	51.0	462.39	11.0	85.59
130.0	1563.46	90.0	969.38	50.0	450.92	10.0	78.63
129.0	1548.26	89.0	955.20	49.0	439.54	9.0	71.80
128.0	1533.05	88.0	941.07	48.0	428.25	8.0	65.11
127.0	1517.86	87.0	926.99	47.0	417.05	7.0	58.56
126.0	1502.66	86.0	912.96	46.0	405.95	6.0	52.15
125.0	1487.48	85.0	898.99	45.0	394.95	5.0	45.87
124.0	1472.31	84.0	885.06	44.0	384.04		
123.0	1457.14	83.0	871.19	43.0	373.23		
122.0	1441.99	82.0	857.38	42.0	362.52		
121.0	1426.84	81.0	843.62	41.0	351.90		
120.0	1411.71	80.0	829.91	40.0	341.39		
119.0	1396.60	79.0	816.27	39.0	330.99		
118.0	1381.50	78.0	802.69	38.0	320.68		
117.0	1366.42	77.0	789.16	37.0	310.48		
116.0	1351.35	76.0	775.70	36.0	300.39		
115.0	1336.30	75.0	762.30	35.0	290.40		
114.0	1321.27	74.0	748.96	34.0	280.52		
113.0	1306.27	73.0	735.69	33.0	270.75		
112.0	1291.28	72.0	722.49	32.0	261.09		
111.0	1276.32	71.0	709.35	31.0	251.54		