



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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UNITS : SCCM NITROGEN                      DATE : 09-06-1991  
 TUBE NUMBER : #4(E406) TYPICAL            STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 FLOAT NUMBER : 002                            GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: GLASS                        PRESSURE IN TUBE : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	879.905	110.0	649.563	70.0	389.686	30.0	116.658
149.0	873.600	109.0	643.716	69.0	382.586	29.0	110.943
148.0	867.362	108.0	637.840	68.0	375.469	28.0	105.335
147.0	861.188	107.0	631.934	67.0	368.340	27.0	99.836
146.0	855.073	106.0	625.998	66.0	361.198	26.0	94.453
145.0	849.014	105.0	620.030	65.0	354.045	25.0	89.190
144.0	843.009	104.0	614.030	64.0	346.885	24.0	84.050
143.0	837.052	103.0	607.998	63.0	339.718	23.0	79.040
142.0	831.141	102.0	601.931	62.0	332.546	22.0	74.163
141.0	825.273	101.0	595.831	61.0	325.373	21.0	69.424
140.0	819.444	100.0	589.696	60.0	318.199	20.0	64.830
139.0	813.652	99.0	583.526	59.0	311.028	19.0	60.383
138.0	807.892	98.0	577.320	58.0	303.862	18.0	56.090
137.0	802.163	97.0	571.078	57.0	296.702	17.0	51.956
136.0	796.460	96.0	564.800	56.0	289.552	16.0	47.985
135.0	790.782	95.0	558.486	55.0	282.414	15.0	44.183
134.0	785.125	94.0	552.136	54.0	275.290	14.0	40.556
133.0	779.487	93.0	545.749	53.0	268.184	13.0	37.109
132.0	773.863	92.0	539.325	52.0	261.098	12.0	33.846
131.0	768.254	91.0	532.866	51.0	254.034	11.0	30.774
130.0	762.655	90.0	526.370	50.0	246.997	10.0	27.899
129.0	757.064	89.0	519.837	49.0	239.987	9.0	25.226
128.0	751.480	88.0	513.270	48.0	233.010	8.0	22.760
127.0	745.898	87.0	506.667	47.0	226.067	7.0	20.507
126.0	740.317	86.0	500.029	46.0	219.162	6.0	18.474
125.0	734.735	85.0	493.357	45.0	212.298	5.0	16.667
124.0	729.150	84.0	486.651	44.0	205.478		
123.0	723.560	83.0	479.911	43.0	198.707		
122.0	717.962	82.0	473.139	42.0	191.986		
121.0	712.354	81.0	466.336	41.0	185.320		
120.0	706.736	80.0	459.501	40.0	178.711		
119.0	701.104	79.0	452.636	39.0	172.165		
118.0	695.457	78.0	445.743	38.0	165.684		
117.0	689.794	77.0	438.821	37.0	159.273		
116.0	684.113	76.0	431.872	36.0	152.934		
115.0	678.412	75.0	424.898	35.0	146.672		
114.0	672.690	74.0	417.899	34.0	140.491		
113.0	666.946	73.0	410.877	33.0	134.395		
112.0	661.177	72.0	403.833	32.0	128.388		
111.0	655.384	71.0	396.769	31.0	122.474		