



MATHESON

ask...The Gas Professionals™

MATHESON

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UNITS : SCCM NITROGEN
 TUBE NUMBER : E100B
 SERIAL NUMBER : TYPICAL
 FLOAT MATERIAL: 316 ST. STL.

DATE : 02-14-94 (F)
 STD CONDITIONS : 1 ATMOS. & 70 DEG F
 GAS TEMPERATURE : 70 DEG F
 PRESSURE IN TUBE : 50 PSIG

3103NI50.DAT

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	370.033	110.0	222.126	70.0	102.038	30.0	37.166
149.0	366.645	109.0	218.523	69.0	99.781	29.0	36.018
148.0	363.219	108.0	214.942	68.0	97.562	28.0	34.879
147.0	359.755	107.0	211.384	67.0	95.381	27.0	33.748
146.0	356.257	106.0	207.850	66.0	93.238	26.0	32.624
145.0	352.727	105.0	204.340	65.0	91.132	25.0	31.505
144.0	349.165	104.0	200.857	64.0	89.063	24.0	30.390
143.0	345.575	103.0	197.400	63.0	87.031	23.0	29.276
142.0	341.958	102.0	193.971	62.0	85.036	22.0	28.164
141.0	338.316	101.0	190.569	61.0	83.077	21.0	27.052
140.0	334.651	100.0	187.197	60.0	81.154	20.0	25.937
139.0	330.964	99.0	183.854	59.0	79.267	19.0	24.819
138.0	327.259	98.0	180.541	58.0	77.414	18.0	23.695
137.0	323.535	97.0	177.260	57.0	75.597	17.0	22.565
136.0	319.796	96.0	174.010	56.0	73.813	16.0	21.427
135.0	316.043	95.0	170.792	55.0	72.063	15.0	20.279
134.0	312.277	94.0	167.607	54.0	70.346	14.0	19.119
133.0	308.501	93.0	164.456	53.0	68.662	13.0	17.946
132.0	304.716	92.0	161.338	52.0	67.009	12.0	16.758
131.0	300.923	91.0	158.255	51.0	65.388	11.0	15.553
130.0	297.124	90.0	155.207	50.0	63.798	10.0	14.329
129.0	293.321	89.0	152.194	49.0	62.237	9.0	13.085
128.0	289.515	88.0	149.217	48.0	60.706	8.0	11.819
127.0	285.708	87.0	146.275	47.0	59.203	7.0	10.529
126.0	281.901	86.0	143.371	46.0	57.728	6.0	9.213
125.0	278.096	85.0	140.503	45.0	56.280	5.0	7.869
124.0	274.294	84.0	137.672	44.0	54.858		
123.0	270.497	83.0	134.879	43.0	53.461		
122.0	266.705	82.0	132.123	42.0	52.089		
121.0	262.921	81.0	129.405	41.0	50.740		
120.0	259.145	80.0	126.725	40.0	49.414		
119.0	255.379	79.0	124.083	39.0	48.109		
118.0	251.624	78.0	121.480	38.0	46.825		
117.0	247.882	77.0	118.915	37.0	45.560		
116.0	244.153	76.0	116.388	36.0	44.314		
115.0	240.438	75.0	113.900	35.0	43.086		
114.0	236.740	74.0	111.451	34.0	41.874		
113.0	233.058	73.0	109.040	33.0	40.677		
112.0	229.395	72.0	106.668	32.0	39.494		
111.0	225.750	71.0	104.334	31.0	38.324		