



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

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**UNITS** : SLPM NITROGEN DIOXIDE  
 DATE : 01-01-89  
 TUBE NUMBER : 603 (E500) STD CONDITIONS : 1 ATMOS. & 70 DEG F  
 SERIAL NUMBER : TYPICAL GAS TEMPERATURE : 70 DEG F  
 FLOAT MATERIAL: 316 ST. STL. PRESSURE IN TUBE : 0 PSIG

E503NIDI.DAT

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	3.0654	110.0	2.5070	70.0	1.7291	30.0	0.8064
149.0	3.0556	109.0	2.4897	69.0	1.7078	29.0	0.7812
148.0	3.0455	108.0	2.4721	68.0	1.6864	28.0	0.7558
147.0	3.0352	107.0	2.4545	67.0	1.6649	27.0	0.7304
146.0	3.0246	106.0	2.4367	66.0	1.6434	26.0	0.7047
145.0	3.0137	105.0	2.4189	65.0	1.6217	25.0	0.6790
144.0	3.0027	104.0	2.4009	64.0	1.6000	24.0	0.6531
143.0	2.9914	103.0	2.3827	63.0	1.5782	23.0	0.6270
142.0	2.9798	102.0	2.3645	62.0	1.5563	22.0	0.6008
141.0	2.9680	101.0	2.3462	61.0	1.5344	21.0	0.5745
140.0	2.9560	100.0	2.3277	60.0	1.5123	20.0	0.5480
139.0	2.9437	99.0	2.3091	59.0	1.4902	19.0	0.5213
138.0	2.9313	98.0	2.2905	58.0	1.4679	18.0	0.4945
137.0	2.9186	97.0	2.2717	57.0	1.4456	17.0	0.4676
136.0	2.9057	96.0	2.2528	56.0	1.4232	16.0	0.4405
135.0	2.8926	95.0	2.2338	55.0	1.4007	15.0	0.4132
134.0	2.8793	94.0	2.2147	54.0	1.3781	14.0	0.3857
133.0	2.8658	93.0	2.1956	53.0	1.3555	13.0	0.3581
132.0	2.8521	92.0	2.1763	52.0	1.3327	12.0	0.3303
131.0	2.8382	91.0	2.1569	51.0	1.3099	11.0	0.3023
130.0	2.8241	90.0	2.1374	50.0	1.2869	10.0	0.2741
129.0	2.8098	89.0	2.1178	49.0	1.2639	9.0	0.2458
128.0	2.7953	88.0	2.0982	48.0	1.2407	8.0	0.2173
127.0	2.7807	87.0	2.0784	47.0	1.2175	7.0	0.1885
126.0	2.7659	86.0	2.0585	46.0	1.1942	6.0	0.1596
125.0	2.7509	85.0	2.0386	45.0	1.1708	5.0	0.1305
124.0	2.7357	84.0	2.0186	44.0	1.1472		
123.0	2.7203	83.0	1.9985	43.0	1.1236		
122.0	2.7048	82.0	1.9782	42.0	1.0999		
121.0	2.6892	81.0	1.9580	41.0	1.0760		
120.0	2.6734	80.0	1.9376	40.0	1.0521		
119.0	2.6574	79.0	1.9171	39.0	1.0280		
118.0	2.6413	78.0	1.8965	38.0	1.0039		
117.0	2.6250	77.0	1.8759	37.0	0.9796		
116.0	2.6086	76.0	1.8552	36.0	0.9552		
115.0	2.5920	75.0	1.8344	35.0	0.9307		
114.0	2.5753	74.0	1.8135	34.0	0.9061		
113.0	2.5584	73.0	1.7925	33.0	0.8814		
112.0	2.5414	72.0	1.7715	32.0	0.8565		
111.0	2.5243	71.0	1.7503	31.0	0.8315		