



**MATHESON**

ask...The Gas Professionals™

**MATHESON**  
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UNITS : SCCM NITROGEN DIOXIDE

TUBE NUMBER : 600 (E100)      DATE : 09-02-1992  
SERIAL NUMBER : TYPICAL      STD CONDITIONS : 1 ATMOS. & 70 DEG F  
FLOAT MATERIAL: GLASS      GAS TEMPERATURE : 70 DEG F  
PRESSURE IN TUBE : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	35.1197	110.0	24.2774	70.0	13.4974	30.0	5.1795
149.0	34.8688	109.0	23.9966	69.0	13.2500	29.0	5.0221
148.0	34.6162	108.0	23.7159	68.0	13.0042	28.0	4.8676
147.0	34.3622	107.0	23.4353	67.0	12.7600	27.0	4.7161
146.0	34.1066	106.0	23.1549	66.0	12.5175	26.0	4.5676
145.0	33.8496	105.0	22.8747	65.0	12.2767	25.0	4.4220
144.0	33.5913	104.0	22.5948	64.0	12.0376	24.0	4.2795
143.0	33.3315	103.0	22.3151	63.0	11.8003	23.0	4.1401
142.0	33.0705	102.0	22.0358	62.0	11.5648	22.0	4.0037
141.0	32.8082	101.0	21.7568	61.0	11.3311	21.0	3.8705
140.0	32.5446	100.0	21.4782	60.0	11.0992	20.0	3.7405
139.0	32.2799	99.0	21.2001	59.0	10.8693	19.0	3.6137
138.0	32.0140	98.0	20.9225	58.0	10.6413	18.0	3.4900
137.0	31.7471	97.0	20.6454	57.0	10.4153	17.0	3.3697
136.0	31.4791	96.0	20.3688	56.0	10.1913	16.0	3.2526
135.0	31.2101	95.0	20.0929	55.0	9.9693	15.0	3.1388
134.0	30.9401	94.0	19.8175	54.0	9.7494	14.0	3.0284
133.0	30.6691	93.0	19.5429	53.0	9.5316	13.0	2.9213
132.0	30.3973	92.0	19.2689	52.0	9.3159	12.0	2.8176
131.0	30.1247	91.0	18.9958	51.0	9.1024	11.0	2.7174
130.0	29.8512	90.0	18.7233	50.0	8.8911	10.0	2.6206
129.0	29.5770	89.0	18.4518	49.0	8.6821	9.0	2.5273
128.0	29.3021	88.0	18.1810	48.0	8.4753	8.0	2.4376
127.0	29.0265	87.0	17.9112	47.0	8.2709	7.0	2.3513
126.0	28.7503	86.0	17.6423	46.0	8.0688	6.0	2.2687
125.0	28.4734	85.0	17.3744	45.0	7.8690	5.0	2.1897
124.0	28.1960	84.0	17.1075	44.0	7.6717		
123.0	27.9181	83.0	16.8417	43.0	7.4768		
122.0	27.6398	82.0	16.5769	42.0	7.2843		
121.0	27.3610	81.0	16.3132	41.0	7.0944		
120.0	27.0818	80.0	16.0507	40.0	6.9070		
119.0	26.8023	79.0	15.7894	39.0	6.7222		
118.0	26.5224	78.0	15.5294	38.0	6.5399		
117.0	26.2423	77.0	15.2705	37.0	6.3603		
116.0	25.9620	76.0	15.0130	36.0	6.1834		
115.0	25.6814	75.0	14.7569	35.0	6.0092		
114.0	25.4008	74.0	14.5021	34.0	5.8376		
113.0	25.1200	73.0	14.2487	33.0	5.6689		
112.0	24.8391	72.0	13.9968	32.0	5.5029		
111.0	24.5583	71.0	13.7463	31.0	5.3398		