



**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 DIOXIDE

TUBE NUMBER : 602 (E300)	DATE : 01-10-95 (F)
SERIAL NUMBER : TYPICAL	STD CONDITIONS : 1 ATMOS. & 70 DEG F
FLOAT MATERIAL: 316 ST. STL.	GAS TEMPERATURE : 70 DEG F
	PRESSURE IN TUBE : 0 PSIG

E303NIDI.DAT

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	537.87	110.0	360.66	70.0	195.09	30.0	65.62
149.0	533.51	109.0	356.28	69.0	191.32	29.0	63.04
148.0	529.13	108.0	351.90	68.0	187.57	28.0	60.50
147.0	524.75	107.0	347.53	67.0	183.84	27.0	58.00
146.0	520.37	106.0	343.16	66.0	180.14	26.0	55.54
145.0	515.97	105.0	338.81	65.0	176.46	25.0	53.11
144.0	511.57	104.0	334.47	64.0	172.80	24.0	50.72
143.0	507.16	103.0	330.13	63.0	169.17	23.0	48.37
142.0	502.74	102.0	325.81	62.0	165.56	22.0	46.06
141.0	498.32	101.0	321.49	61.0	161.98	21.0	43.79
140.0	493.89	100.0	317.19	60.0	158.43	20.0	41.56
139.0	489.46	99.0	312.90	59.0	154.90	19.0	39.37
138.0	485.02	98.0	308.62	58.0	151.40	18.0	37.22
137.0	480.58	97.0	304.35	57.0	147.93	17.0	35.11
136.0	476.14	96.0	300.10	56.0	144.48	16.0	33.04
135.0	471.69	95.0	295.85	55.0	141.06	15.0	31.01
134.0	467.24	94.0	291.62	54.0	137.67	14.0	29.03
133.0	462.79	93.0	287.41	53.0	134.31	13.0	27.08
132.0	458.33	92.0	283.21	52.0	130.97	12.0	25.18
131.0	453.88	91.0	279.02	51.0	127.67	11.0	23.32
130.0	449.42	90.0	274.85	50.0	124.39	10.0	21.51
129.0	444.96	89.0	270.69	49.0	121.15	9.0	19.73
128.0	440.50	88.0	266.55	48.0	117.93	8.0	18.00
127.0	436.05	87.0	262.42	47.0	114.75	7.0	16.32
126.0	431.59	86.0	258.31	46.0	111.60	6.0	14.67
125.0	427.13	85.0	254.22	45.0	108.47	5.0	13.08
124.0	422.68	84.0	250.15	44.0	105.38		
123.0	418.22	83.0	246.09	43.0	102.32		
122.0	413.77	82.0	242.05	42.0	99.30		
121.0	409.32	81.0	238.03	41.0	96.30		
120.0	404.87	80.0	234.02	40.0	93.34		
119.0	400.43	79.0	230.04	39.0	90.41		
118.0	395.99	78.0	226.07	38.0	87.52		
117.0	391.56	77.0	222.13	37.0	84.66		
116.0	387.13	76.0	218.20	36.0	81.83		
115.0	382.70	75.0	214.30	35.0	79.04		
114.0	378.28	74.0	210.41	34.0	76.29		
113.0	373.87	73.0	206.55	33.0	73.57		
112.0	369.46	72.0	202.71	32.0	70.88		
111.0	365.06	71.0	198.89	31.0	68.23		