



**MATHESON**

ask...The Gas Professionals™

**MATHESON**

166 Keystone Drive  
 Montgomeryville, PA 18936  
 +1 (800) 828-4313  
[www.mathesongas.com](http://www.mathesongas.com)

UNITS	: SLPM FREON 14	DATE	: 08-01-71
TUBE NUMBER	: 604 (E700)	STD CONDITIONS	: 1 ATMOS. & 70 DEG F
SERIAL NUMBER	: TYPICAL	GAS TEMPERATURE	: 70 DEG F
FLOAT MATERIAL	: GLASS	PRESSURE IN TUBE	: 0 PSIG

E701FR14.DAT

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	5.51	110.0	4.02	70.0	2.56	30.0	0.98
149.0	5.47	109.0	3.98	69.0	2.52	29.0	0.94
148.0	5.42	108.0	3.95	68.0	2.48	28.0	0.90
147.0	5.38	107.0	3.91	67.0	2.45	27.0	0.86
146.0	5.34	106.0	3.88	66.0	2.41	26.0	0.82
145.0	5.30	105.0	3.84	65.0	2.37	25.0	0.78
144.0	5.26	104.0	3.81	64.0	2.33	24.0	0.75
143.0	5.22	103.0	3.77	63.0	2.29	23.0	0.71
142.0	5.18	102.0	3.73	62.0	2.25	22.0	0.67
141.0	5.14	101.0	3.70	61.0	2.21	21.0	0.63
140.0	5.10	100.0	3.66	60.0	2.17	20.0	0.59
139.0	5.06	99.0	3.63	59.0	2.13	19.0	0.56
138.0	5.02	98.0	3.59	58.0	2.09	18.0	0.52
137.0	4.99	97.0	3.56	57.0	2.05	17.0	0.48
136.0	4.95	96.0	3.52	56.0	2.01	16.0	0.45
135.0	4.91	95.0	3.49	55.0	1.97	15.0	0.41
134.0	4.87	94.0	3.45	54.0	1.93	14.0	0.38
133.0	4.84	93.0	3.41	53.0	1.89	13.0	0.34
132.0	4.80	92.0	3.38	52.0	1.85	12.0	0.30
131.0	4.76	91.0	3.34	51.0	1.81	11.0	0.27
130.0	4.73	90.0	3.31	50.0	1.77	10.0	0.24
129.0	4.69	89.0	3.27	49.0	1.73	9.0	0.20
128.0	4.65	88.0	3.23	48.0	1.69	8.0	0.17
127.0	4.62	87.0	3.20	47.0	1.65	7.0	0.13
126.0	4.58	86.0	3.16	46.0	1.61	6.0	0.10
125.0	4.54	85.0	3.12	45.0	1.57	5.0	0.07
124.0	4.51	84.0	3.09	44.0	1.53		
123.0	4.47	83.0	3.05	43.0	1.49		
122.0	4.44	82.0	3.01	42.0	1.45		
121.0	4.40	81.0	2.98	41.0	1.41		
120.0	4.37	80.0	2.94	40.0	1.37		
119.0	4.33	79.0	2.90	39.0	1.33		
118.0	4.30	78.0	2.86	38.0	1.29		
117.0	4.26	77.0	2.83	37.0	1.25		
116.0	4.23	76.0	2.79	36.0	1.22		
115.0	4.19	75.0	2.75	35.0	1.18		
114.0	4.16	74.0	2.71	34.0	1.14		
113.0	4.12	73.0	2.68	33.0	1.10		
112.0	4.09	72.0	2.64	32.0	1.06		
111.0	4.05	71.0	2.60	31.0	1.02		