



**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 HELIUM	DATE	: 08-29-1991
TUBE NUMBER	: 600(E100) TYPICAL	STD CONDITIONS	: 1 ATMOS. & 70 DEG F
FLOAT NUMBER	: 002	GAS TEMPERATURE	: 70 DEG F
FLOAT MATERIAL:	GLASS	PRESSURE IN TUBE	: 50 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	233.949	110.0	158.117	70.0	87.546	30.0	33.908
149.0	232.085	109.0	156.239	69.0	85.951	29.0	32.883
148.0	230.216	108.0	154.365	68.0	84.367	28.0	31.875
147.0	228.344	107.0	152.494	67.0	82.793	27.0	30.886
146.0	226.468	106.0	150.628	66.0	81.231	26.0	29.915
145.0	224.589	105.0	148.765	65.0	79.680	25.0	28.962
144.0	222.707	104.0	146.907	64.0	78.140	24.0	28.028
143.0	220.821	103.0	145.053	63.0	76.612	23.0	27.113
142.0	218.933	102.0	143.204	62.0	75.096	22.0	26.216
141.0	217.042	101.0	141.359	61.0	73.592	21.0	25.339
140.0	215.148	100.0	139.519	60.0	72.101	20.0	24.481
139.0	213.252	99.0	137.685	59.0	70.621	19.0	23.642
138.0	211.354	98.0	135.856	58.0	69.154	18.0	22.823
137.0	209.454	97.0	134.032	57.0	67.700	17.0	22.023
136.0	207.553	96.0	132.214	56.0	66.259	16.0	21.244
135.0	205.650	95.0	130.402	55.0	64.831	15.0	20.485
134.0	203.745	94.0	128.596	54.0	63.417	14.0	19.746
133.0	201.839	93.0	126.797	53.0	62.015	13.0	19.027
132.0	199.933	92.0	125.003	52.0	60.628	12.0	18.329
131.0	198.025	91.0	123.217	51.0	59.254	11.0	17.652
130.0	196.117	90.0	121.437	50.0	57.894	10.0	16.996
129.0	194.209	89.0	119.664	49.0	56.548	9.0	16.361
128.0	192.300	88.0	117.898	48.0	55.217	8.0	15.748
127.0	190.391	87.0	116.140	47.0	53.900	7.0	15.156
126.0	188.483	86.0	114.389	46.0	52.598	6.0	14.585
125.0	186.574	85.0	112.646	45.0	51.311	5.0	14.037
124.0	184.667	84.0	110.910	44.0	50.039		
123.0	182.760	83.0	109.183	43.0	48.782		
122.0	180.853	82.0	107.464	42.0	47.540		
121.0	178.948	81.0	105.754	41.0	46.314		
120.0	177.045	80.0	104.052	40.0	45.104		
119.0	175.142	79.0	102.359	39.0	43.910		
118.0	173.241	78.0	100.675	38.0	42.732		
117.0	171.342	77.0	99.000	37.0	41.570		
116.0	169.446	76.0	97.334	36.0	40.425		
115.0	167.551	75.0	95.678	35.0	39.296		
114.0	165.659	74.0	94.031	34.0	38.184		
113.0	163.769	73.0	92.395	33.0	37.089		
112.0	161.882	72.0	90.768	32.0	36.011		
111.0	159.998	71.0	89.152	31.0	34.951		