



MATHESON

ask...The Gas Professionals™

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166 Keystone Drive
 Montgomeryville, PA 18936
 +1 (800) 828-4313
www.mathesongas.com

UNITS : SLPM HYDROGEN DATE : 05-14-1992
 TUBE NUMBER : 603(E500) TYPICAL STD CONDITIONS : 1 ATMOS. & 70 DEG F
 FLOAT NUMBER : 002 GAS TEMPERATURE : 70 DEG F
 FLOAT MATERIAL: GLASS PRESSURE IN TUBE : 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	8.0099	110.0	6.4457	70.0	4.2531	30.0	1.6267
149.0	7.9761	109.0	6.3990	69.0	4.1905	29.0	1.5614
148.0	7.9422	108.0	6.3520	68.0	4.1277	28.0	1.4964
147.0	7.9081	107.0	6.3045	67.0	4.0645	27.0	1.4316
146.0	7.8738	106.0	6.2566	66.0	4.0011	26.0	1.3671
145.0	7.8393	105.0	6.2082	65.0	3.9374	25.0	1.3030
144.0	7.8047	104.0	6.1595	64.0	3.8735	24.0	1.2391
143.0	7.7698	103.0	6.1102	63.0	3.8093	23.0	1.1756
142.0	7.7347	102.0	6.0606	62.0	3.7443	22.0	1.1124
141.0	7.6994	101.0	6.0105	61.0	3.6801	21.0	1.0496
140.0	7.6638	100.0	5.9600	60.0	3.6152	20.0	0.9872
139.0	7.6280	99.0	5.9090	59.0	3.5501	19.0	0.9253
138.0	7.5920	98.0	5.8576	58.0	3.4848	18.0	0.8637
137.0	7.5556	97.0	5.8058	57.0	3.4193	17.0	0.8027
136.0	7.5190	96.0	5.7536	56.0	3.3536	16.0	0.7421
135.0	7.4821	95.0	5.7009	55.0	3.2878	15.0	0.6820
134.0	7.4449	94.0	5.6478	54.0	3.2218	14.0	0.6223
133.0	7.4074	93.0	5.5942	53.0	3.1556	13.0	0.5635
132.0	7.3696	92.0	5.5403	52.0	3.0894	12.0	0.5051
131.0	7.3314	91.0	5.4859	51.0	3.0230	11.0	0.4473
130.0	7.2930	90.0	5.4311	50.0	2.9565	10.0	0.3900
129.0	7.2542	89.0	5.3758	49.0	2.8899	9.0	0.3335
128.0	7.2150	88.0	5.3202	48.0	2.8232	8.0	0.2776
127.0	7.1756	87.0	5.2642	47.0	2.7565	7.0	0.2224
126.0	7.1357	86.0	5.2077	46.0	2.6897	6.0	0.1679
125.0	7.0955	85.0	5.1508	45.0	2.6229	5.0	0.1141
124.0	7.0549	84.0	5.0936	44.0	2.5561		
123.0	7.0140	83.0	5.0359	43.0	2.4892		
122.0	6.9727	82.0	4.9779	42.0	2.4224		
121.0	6.9310	81.0	4.9195	41.0	2.3556		
120.0	6.8889	80.0	4.8607	40.0	2.2888		
119.0	6.8464	79.0	4.8015	39.0	2.2221		
118.0	6.8035	78.0	4.7419	38.0	2.1554		
117.0	6.7602	77.0	4.6820	37.0	2.0888		
116.0	6.7165	76.0	4.6218	36.0	2.0224		
115.0	6.6724	75.0	4.5612	35.0	1.9560		
114.0	6.6279	74.0	4.5002	34.0	1.8898		
113.0	6.5830	73.0	4.4389	33.0	1.8238		
112.0	6.5376	72.0	4.3773	32.0	1.7579		
111.0	6.4919	71.0	4.3153	31.0	1.6922		



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UNITS	: SLPM HYDROGEN	DATE	: 08-07-1991
TUBE NUMBER	: 603(E500) TYPICAL	STD CONDITIONS	: 1 ATMOS. & 70 DEG F
FLOAT NUMBER	: 002	GAS TEMPERATURE	: 70 DEG F
FLOAT MATERIAL	: 316 ST. STL.	DELIVERY PRESSURE	: 0 PSIG

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	18.3144	110.0	14.6954	70.0	10.0106	30.0	4.6604
149.0	18.2403	109.0	14.5895	69.0	9.8833	29.0	4.5214
148.0	18.1652	108.0	14.4830	68.0	9.7557	28.0	4.3823
147.0	18.0893	107.0	14.3759	67.0	9.6276	27.0	4.2429
146.0	18.0124	106.0	14.2680	66.0	9.4991	26.0	4.1035
145.0	17.9346	105.0	14.1596	65.0	9.3703	25.0	3.9638
144.0	17.8560	104.0	14.0505	64.0	9.2410	24.0	3.8240
143.0	17.7764	103.0	13.9408	63.0	9.1114	23.0	3.6840
142.0	17.6960	102.0	13.8305	62.0	8.9814	22.0	3.5439
141.0	17.6146	101.0	13.7196	61.0	8.8511	21.0	3.4037
140.0	17.5324	100.0	13.6080	60.0	8.7204	20.0	3.2633
139.0	17.4494	99.0	13.4959	59.0	8.5893	19.0	3.1229
138.0	17.3655	98.0	13.3831	58.0	8.4579	18.0	2.9823
137.0	17.2807	97.0	13.2698	57.0	8.3261	17.0	2.8415
136.0	17.1951	96.0	13.1559	56.0	8.1940	16.0	2.7007
135.0	17.1087	95.0	13.0414	55.0	8.0616	15.0	2.5598
134.0	17.0214	94.0	12.9263	54.0	7.9288	14.0	2.4188
133.0	16.9333	93.0	12.8107	53.0	7.7958	13.0	2.2776
132.0	16.8444	92.0	12.6946	52.0	7.6624	12.0	2.1364
131.0	16.7547	91.0	12.5778	51.0	7.5287	11.0	1.9951
130.0	16.6642	90.0	12.4606	50.0	7.3947	10.0	1.8538
129.0	16.5728	89.0	12.3428	49.0	7.2604	9.0	1.7123
128.0	16.4807	88.0	12.2244	48.0	7.1258	8.0	1.5709
127.0	16.3878	87.0	12.1056	47.0	6.9909	7.0	1.4293
126.0	16.2942	86.0	11.9862	46.0	6.8558	6.0	1.2877
125.0	16.1997	85.0	11.8663	45.0	6.7204	5.0	1.1460
124.0	16.1046	84.0	11.7459	44.0	6.5847		
123.0	16.0086	83.0	11.6250	43.0	6.4488		
122.0	15.9119	82.0	11.5036	42.0	6.3126		
121.0	15.8144	81.0	11.3817	41.0	6.1761		
120.0	15.7163	80.0	11.2594	40.0	6.0394		
119.0	15.6174	79.0	11.1365	39.0	5.9025		
118.0	15.5177	78.0	11.0132	38.0	5.7654		
117.0	15.4174	77.0	10.8894	37.0	5.6280		
116.0	15.3163	76.0	10.7652	36.0	5.4904		
115.0	15.2145	75.0	10.6405	35.0	5.3525		
114.0	15.1121	74.0	10.5154	34.0	5.2145		
113.0	15.0089	73.0	10.3898	33.0	5.0763		
112.0	14.9051	72.0	10.2639	32.0	4.9379		
111.0	14.8000	71.0	10.1375	31.0	4.7990		