

Tube Cap Test Flow and Pressure

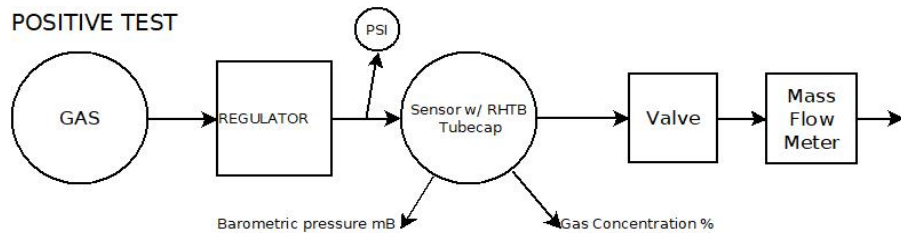
GSS 100% CO2 Sensor with TC-1 Tube Cap
 pressure range 0-10 PSI,
 Sensor pre test for leak pressure to 15 PSI

Tube cap and sensor pre test to 15 PSI

Positive Test Reference: B 1021.1 mB, RH 35.0 %, GAS 25%CO2 Balance Ar. || Negative test, Pump and demand flow regulator.

CO2/Ar open exhaust	PRESSURE PSI closed exhaust	CAP BARO		FLOW l/m OPEN	Flow l/m closed	CO2 % open	CO2 % closed	N2				
		PSI Open exhaust	PSI closed exhaust					N2 Pressure PSI Open exhaust	N2 Pressure PSI closed exhaust	N2 Flow l/m open exhaust	N2 CAP BARO open exhaust	
0	0	1021.2	1021.2	0	0							
0.5	2.2	1035.1	11575	1.42	0	2548	3006	0.5	2.182	1.84	1034.6	
1	3.2	1042.3	1236.2	2.5	0	2580	3137	1	2.93	3	1046.9	
2	4.211	1072.7	1292.8	3.2	0	28.1	3704	2	4.4	4.5	1069.7	
3	5.27	1091.8	1358.5	3.75	0	28.49	3875	3	5.5	5.4	1090.1	
4	5.922	1110.8	1423.8	4.08	0	28.98	41.66	4	6.3	6.1	1111	
5	6.75	1128.5	1476.5	4.29	0	29.75	43.47	5	7.25	6.3	1131.2	
5.5	6.85	1138.5	1539.5	4.39	0	30.2	45.14	5.5	7.8	6.45	1140.3	
6	8.125	1150.6	1565.5	4.45	0	30.3	47.85	6	8.395	6.6	1150.4	
7	9.35	1170.9	1566.6	4.56	0	3177	49.32	7	9.4	7.14	1168.8	
-1	7	949	585	0.29	0	20.98	772					
-2	7.11	880.5	534	0.21	0	18.45	82					
-3	7.13	817.5	523.6	0.16	0	15.16	730					
-4	7.13	761.4	524.3	0.13	0	13.32	680					
5	7.2	650.2	520.3	0.08	0	7.13	437					
6	7.2	599.4	522.3	0.03	0	1.56	112					
7	7.2	532	521.8	0	0	1	79					

POSITIVE TEST



NEGATIVE TEST

