

Manual Supplement

Manual Title:	700G Series Calibration	Supplement Issue:	2
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This supplement contains information necessary to ensure the accuracy of the above manual. This manual is distributed as an electronic manual on the following CD-ROM:

CD Title:	700G Series
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Change #1, 150

On page 16, under **Calibration Adjustment**, replace the last sentence in the paragraph with:

It is the only adjustment method to use with the 700GA and 700RG models.

Change #2, 679

On pages 10 through 15, replace Table 3 with:

700G01 0.4 psi			700G02 1 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
0.3600	0.3596	0.3604	1.0000	0.9990	1.0010
0.3300	0.3296	0.3304	0.9000	0.8990	0.9010
0.2500	0.2496	0.2504	0.7000	0.6990	0.7010
0.1700	0.1696	0.1704	0.5000	0.4990	0.5010
0.0900	0.0896	0.0904	0.3000	0.2990	0.3010
0.0300	0.0296	0.0304	0.1000	0.0990	0.1010
0.0000	-0.0004	0.0004	0.0000	-0.0010	0.0010
-0.0600	-0.0604	-0.0596	-0.1000	-0.1010	-0.0990
-0.1400	-0.1404	-0.1396	-0.3000	-0.3010	-0.2990
-0.2300	-0.2304	-0.2296	-0.6000	-0.6010	-0.5990
-0.3000	-0.3004	-0.2996	-0.8000	-0.8010	-0.7990
-0.3600	-0.3604	-0.3596	-1.0000	-1.0010	-0.9990
700G04 15 psi			700G05 30 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
15.000	14.992	15.008	30.000	29.985	30.015
14.000	13.992	14.008	28.125	28.110	28.140
12.000	11.992	12.008	24.000	23.985	24.015
9.750	9.742	9.758	19.500	19.485	19.515
7.500	7.492	7.508	15.250	15.235	15.265
5.500	5.492	5.508	11.000	10.985	11.015
3.250	3.242	3.258	6.750	6.735	6.765
1.250	1.242	1.258	2.500	2.485	2.515
0.000	-0.008	0.008	0.000	-0.015	0.015
-5.000	-5.015	-4.985	-5.000	-5.030	-4.970
-10.000	-10.015	-9.985	-10.000	-10.030	-9.970
-14.000*	-14.015	-13.985	-14.000*	-14.03	-13.97

700G06 100 psi			700G27 300 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
100.00	99.95	100.05	300.00	299.85	300.15
93.75	93.70	93.80	281.25	281.10	281.40
81.25	81.20	81.30	243.75	243.60	243.90
68.75	68.70	68.80	206.25	206.10	206.40
56.25	56.20	56.30	168.75	168.60	168.90
43.75	43.70	43.80	131.25	131.10	131.40
31.25	31.20	31.30	93.75	93.60	93.90
18.75	18.70	18.80	56.25	56.10	56.40
6.25	6.20	6.30	18.75	18.60	18.90
0.00	-0.05	0.05	0.00	-0.15	0.15
-6.00	-6.10	-5.90	-6.00	-6.30	-5.70
-12.00*	-12.10	-11.90	-12.00*	-12.30	-11.70
700G07 500 psi			700G08 1000 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
500	499.75	500.25	1000	999.50	1000.50
468.75	468.50	469.00	937.5	937.00	938.00
406.25	406.00	406.50	812.5	812.00	813.00
343.75	343.50	344.00	687.5	687.00	688.00
281.25	281.00	281.50	562.5	562.00	563.00
218.75	218.50	219.00	437.5	437.00	438.00
156.25	156.00	156.50	312.5	312.00	313.00
93.75	93.50	94.00	187.5	187.00	188.00
31.25	31.00	31.50	62.5	62.00	63.00
0	-0.25	0.25	0	-0.50	0.50
-6	-6.50	-5.50			
-12.00*	-12.50	-11.50			
700G10 2000 psi			700G29 3000 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
2000.00	2001.0	1999.0	3000.00	2998.5	3001.5
1800.00	1801.0	1799.0	2812.50	2811.0	2814.0
1600.00	1601.0	1599.0	2437.50	2436.0	2439.0
1300.00	1301.0	1299.0	2062.50	2061.0	2064.0
1100.00	1101.0	1099.0	1687.50	1686.0	1689.0
900.00	901.0	899.0	1312.50	1311.0	1314.0
600.00	601.0	599.0	937.50	936.0	939.0
300.00	301.0	299.0	562.50	561.0	564.0
100.00	101.0	99.0	187.50	186.0	189.0
0.00	1.0	-1.0	0.00	-1.5	1.5

700G30 5000 psi			700G31 10000 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
5000.0	4997.5	5002.5	10000.0	9995	10005
4687.5	4685.0	4690.0	9000.0	8995	9005
4062.5	4060.0	4065.0	7500.0	7495	7505
3437.5	3435.0	3440.0	6500.0	6495	6505
2812.5	2810.0	2815.0	5500.0	5495	5505
2187.5	2185.0	2190.0	4500.0	4495	4505
1562.5	1560.0	1565.0	1500.0	1495	1505
937.5	935.0	940.0	500.0	495	505
312.5	310.0	315.0	0.0	-5	5
0.0	-2.5	2.5			
Absolute Guages					
700GA4 15 psia			700GA5 30 psia		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
15.000	14.992	15.008	30.000	29.985	30.015
14.000	13.992	14.008	28.000	27.985	28.015
12.500	12.492	12.508	25.000	24.985	25.015
10.000	9.992	10.008	20.000	19.985	20.015
8.000	7.992	8.008	16.500	16.485	16.515
6.500	6.492	6.508	13.000	12.985	13.015
4.500	4.492	4.508	9.000	8.985	9.015
3.000	2.992	3.008	6.000	5.985	6.015
1.000	0.992	1.008	2.000	1.985	2.015
0.350	0.342	0.358	0.350	0.335	0.365
700GA6 100 psia			700GA27 300 psia		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
100.00	99.95	100.05	300.00	299.85	300.15
93.00	92.95	93.05	281.00	280.85	281.15
81.00	80.95	81.05	243.00	242.85	243.15
68.00	67.95	68.05	206.00	205.85	206.15
56.00	55.95	56.05	168.00	167.85	168.15
43.00	42.95	43.05	131.00	130.85	131.15
31.00	30.95	31.05	93.00	92.85	93.15
18.00	17.95	18.05	56.00	55.85	56.15
6.00	5.95	6.05	18.00	17.85	18.15
0.50	0.45	0.55	5.00	4.85	5.15
			0.50	0.35	0.65

Reference Guages					
700RG5 30 psi			700RG6 100 psi I		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
30.000	29.985	30.015	100.000	99.950	100.050
24.000	23.987	24.013	80.000	79.958	80.042
18.000	17.990	18.010	60.000	59.966	60.034
12.000	11.992	12.008	40.000	39.974	40.026
6.000	5.995	6.005	20.000	19.982	20.018
0.000	-0.003	0.003	0.000	-0.010	0.010
-5.000	-5.015	-4.985	-6.000	-6.100	-5.900
-10.000	-10.015	-9.985	-12.000*	-12.100	-11.900
-14.000*	-14.015	-13.985			
700RG7 500 psi			700RG8 1000 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
500.00	499.75	500.25	1000.00	999.50	1000.50
400.00	399.79	400.21	800.00	799.58	800.42
300.00	299.83	300.17	600.00	599.66	600.34
200.00	199.87	200.13	400.00	399.74	400.26
100.00	99.91	100.09	200.00	199.82	200.18
0.00	-0.05	0.05	0.00	-0.10	0.10
-6.00	-6.50	-5.50			
-12.00*	-12.50	-11.50			
700RG29 3000 psi			700RG30 5000 psi		
Input Pressure	Lower Limit	Upper Limit	Input Pressure	Lower Limit	Upper Limit
3000.0	2998.5	3001.5	5000.0	4997.5	5002.5
2400.0	2398.7	2401.3	4000.0	3997.9	4002.1
1800.0	1799.0	1801.0	3000.0	2998.3	3001.7
1200.0	1199.2	1200.8	2000.0	1998.7	2001.3
600.0	599.5	600.5	1000.0	999.1	1000.9
0.0	-0.3	0.3	0.0	-0.5	0.5
700RG31 10000 psi					
Input Pressure	Lower Limit	Upper Limit			
10000.0	9995.0	10005.0			
9000.0	8995.4	9004.6			
7500.0	7496.0	7504.0			
6500.0	6496.4	6503.6			
5500.0	5496.8	5503.2			
4500.0	4497.2	4502.8			
1500.0	1498.4	1501.6			
500.0	498.8	501.2			
0.0	-1.0	1.0			
*At altitudes -14 psi or -12 psi may not be possible. Replace with a local near-vacuum point when necessary.					