700G Series

Pressure Gauge

Calibration Manual

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Introduction

The 700G Series Pressure Gauges (the Product) are high-accuracy digital pressure test gauges. Accurate to 0.05 % FS, the Products can be used as a calibration reference or in any application where high-accuracy pressure measurement is necessary.

The Product features user-configurable functions that include:

- Sampling rate
- Tare
- Damping
- Auto off
- Min Max

When the Product is configured, you can lock its settings and use password protection to prevent configuration changes.

How to Contact Fluke

Fluke Corporation operates worldwide. For local contact information, go to our website: www.fluke.com

To register your product, view, print, or download the latest manual or manual supplement, go to our website.

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Safety Information

General Safety Information is in the printed Safety Information document that ships with the Product and at www.fluke.com. More specific safety information is listed where applicable.

A **Warning** identifies conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

⚠⚠Warning

To prevent possible electrical shock, fire, or personal injury:

- **Use the Product only as specified, or the protection supplied by the Product can be compromised.**

Specifications

Product Specifications are in the Users Manual at www.fluke.com.

Maintenance

Product Maintenance is in the Users Manual at www.fluke.com.

Performance Verification Tests

Fluke recommends certification each year. To re-certify, do the verification procedure. If test points are out of tolerance, calibrate the Product and then re-verify. Use the subsequent tests to make sure that the Product is in its specification limits.

Required Equipment

The equipment necessary for verification of the Product is shown in Table 1. If these instruments are not available, you can replace them with other instruments that have the same minimal specification requirements.

Table 1. Equipment Required for Verification

Equipment	Minimum Specification	Recommended Model
Dead Weight Tester	300 to 10,000 psig Accuracy: 0.01 % of Reading	Pressurement P3000, P3100
Low Pressure Controller/Calibrator	100 inH2O Accuracy: 0.02 % of Range	Ruska 7250LP
Absolute Pressure Controller/Calibrator	300 psia Accuracy: 0.01 % of Reading	Ruska 7250xi

How to Verify Pressure

For each procedure there is a table of test points and permitted Product indications. If the result of the test is not in the range shown, the Unit Under Test (UUT) is out of tolerance and must be calibrated or repaired. For Product support, see the “How to Contact Fluke” section. The 700G01 and 700G02 require a low-pressure standard such as the Ruska 7250LP. Because absolute pressure of deadweight can be complex, a Controller/Calibrator is recommended for the 700GA Gauges.

Follow these general instructions for all the tests:

- Make sure the batteries are fully charged.

- Let the verification equipment warm-up for its specified time.
- For each test, make sure the verification equipment is stable and that the "unsettled" annunciator on the UUT is not shown.

1. Carefully attach the pressure fitting of the pressure standard to the pressure port of the UUT.

   Note

   Use plenty of PFTE tape when you attach the pressure fitting.

   The display reads **0.00 PSI** with the pressure standard opened to ambient air. If it does not, push ZERO until the display shows **0.00 PSI**.
2. Set up the pressure standard for the sequence of psi inputs from Table 2. These inputs will be put into the pressure port of the UUT.
3. Make sure the pressure has become stable at each input before you verify the display indication.
4. Apply the inputs from Table 2.
5. Carefully vent all pressure and disconnect the UUT from the pressure standard.

Table 2. Verification Points (In psi)

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

Table. 2 Verification Points (In psi) (cont.)

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[1]	-14.015	-13.985	-14.000[1]	-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[1]	-12.10	-11.90	-12.00[1]	-12.30	-11.70

Table. 2 Verification Points (In psi) (cont.)

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[1]	-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

Table. 2 Verification Points (In psi) (cont.)

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 Gauges					
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

Table. 2 Verification Points (In psi) (cont.)

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 Gauges					
700RG5 30 psi			**700RG6 100 psi l**		
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[1]	-12.100	-11.900
-14.000[1]	-14.015	-13.985			

Table. 2 Verification Points (In psi) (cont.)

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[1]	-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			

[1] At altitudes -14 psi or -12 psi may not be possible. Replace with a local near-vacuum point when necessary.

Calibration Adjustment

Calibration adjustment is done electronically by internal software with the Product case closed. The recommended adjustment procedure is a 2-point adjust that adjusts a low and high point. This adjustment can be applied to any of the 700 family of gauges. This is the only adjustment method to use with the 700GA and 700RG models.

Note

This is an ambient temperature calibration, and must be done at an ambient temperature of 23 °C ± 3 °C (72 °F ± 5 °F). Calibration out of this temperature range voids the temperature compensation software in the Product.

Test Equipment

For verification and calibration adjustment, pressure and/or vacuum standards that can make and show pressures from vacuum to the full-scale range of the UUT are necessary. A TUR standard of 4:1 or better is necessary to keep the Product at its specified accuracy.

Connections

The Product uses a ¼ inch NPT male connection in the pressure input port. Different adapters can be necessary to connect to the pressure standard. Always make sure the hose, tubing, and fittings. Have a rated working pressure at or above the pressure of the unit. It is also important that there be no leaks when you calibrate the Product. Use PTFE tape where necessary.

Enter 2-Point Adjust Mode

Follow the instructions for serial interface setup in the next section. Figure 1 can be used to guide setup if HyperTerminal will be used.

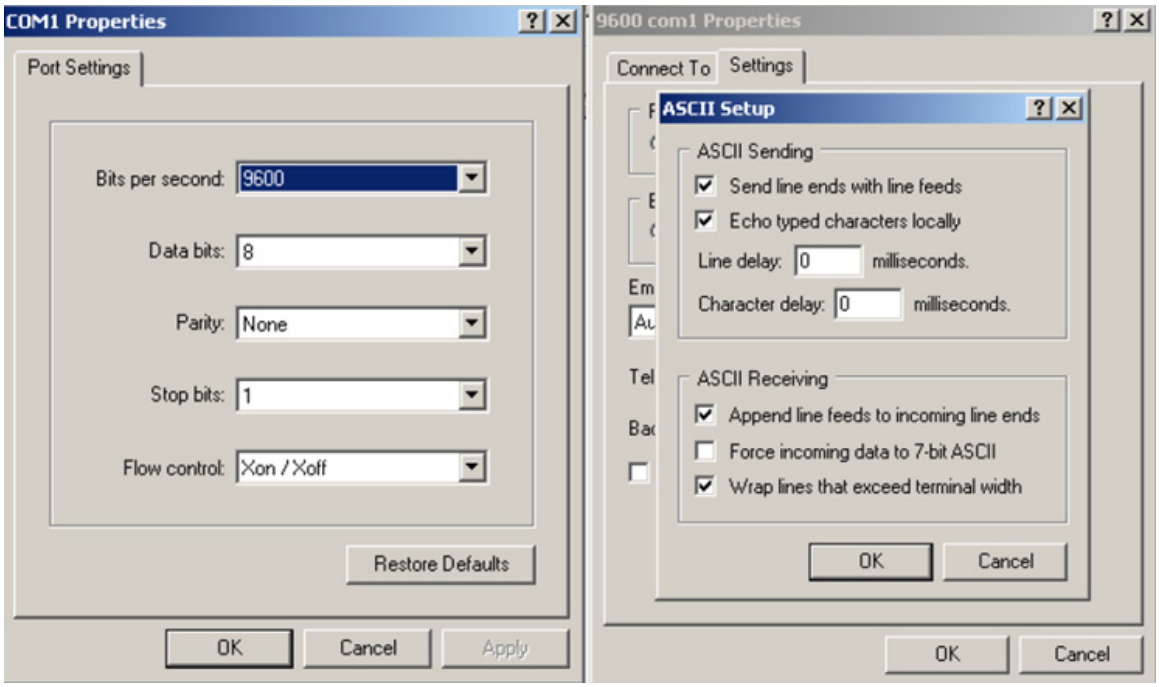

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Figure 1. Calibration Setup with HyperTerminal

1. Connect the PC to the Product with the interface cable that comes with 700G/TRACK software.
2. After all connections have been made, vent the Product to atmosphere and send this command: OFFSET_ADJ?
3. Note the value returned.
4. For absolute units, apply a vacuum of <0.35 psiA, the applied vacuum should be used for N in the OFFSET ADJUST command.
5. When the pressure is stable, send OFFSET_ADJ N, where N is the pressure given from the OFFSET_ADJ? command.
6. Send the GAIN_ADJ? command.
7. Note the value returned.
8. Use an appropriate pressure standard to input a value equal or close to the noted value. When the pressure is stable send, GAIN_ADJ N, where N is the entered pressure.
9. Reset the power with the power button to save the calibration.

Two-point calibration is complete. Full adjustment may be used when the Product errors are not linear.

Full Adjust

Note

The 700GA does not permit full adjustment.

⚠Caution

To avoid loss of data, do not use this procedure on a 700RG gauge. To do this would over write the characterized values that make it a reference gauge.

All calibration commands and adjustments are done with the keypad. Eight calibration points are used in the adjustment. They go from full-scale to zero at pressures that equal 100 %, 87.5 %, 75 %, 62.5 %, 50 %, 37.5 %, 25 %, 12.5 %, and 0 % of full scale plus vacuum.

After you have made the connections, turn on the power while you hold CONFIG. Use ▲ and ▼ to enter the password: **101** then push ENTER. If you went into calibration mode correctly, the display will show **CAL**. The pressure value shown will be the full-scale value of the Product. For Calibration points and their values, see Table 3.

Procedure Example

Note

This example uses a 700G07 Pressure Gauge (maximum pressure 500.00 psi). Apply the shown pressures necessary for your Product as shown in Table 3 .

The Product will prompt you for the necessary pressure at each calibration point.

1. Use the pressure standard to output 500.00 psi (100 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
2. Use the pressure standard to output 437.50 psi (87.5 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When

measurements are complete the screen will show the calibration value.

3. Use the Pressure Standard to output 375.00 psi (75 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
4. Use the Pressure Standard to output 312.50 psi (62.5 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
5. Use the Pressure Standard to output 250.00 psi (50 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
6. Use the Pressure Standard to output 187.50 psi (37.5 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
7. Use the Pressure Standard to output 125.00 psi (25 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
8. Use the Pressure Standard to output 62.50 psi (12.5 %). After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.
9. Use the Pressure Standard to output 0.00 psi. After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When measurements are complete the screen will show the calibration value.

Note

Only some ranges use vacuum calibration. If your Product does not, then this step can be skipped and calibration is complete.

10. Use the Pressure Standard to output -12.00 psi. After the output is stable, push ENTER to continue. As the Product measures, the screen will show ———-. When the measurements are complete, a Product reset occurs and the Product turns off then turns on as usual.

Table 3. Calibration Points

Model Number	700G01	700G02	700G04	700G05	700G05	700G27	700G07	700G08
Pressure Range (psi)	0.4	1	15	30	100	300	500	1000
Calibration Point 1	0.3600	1.0000	15.000	30.000	100.00	300.00	500.00	1000.0
Calibration Point 2	0.2880	0.8000	13.000	25.500	87.50	262.50	437.50	875.0
Calibration Point 3	0.2080	0.6000	10.750	21.500	75.00	225.00	375.00	750.0
Calibration Point 4	0.1280	0.4000	8.500	17.000	62.50	187.50	312.50	625.0
Calibration Point 5	0.0480	0.2000	6.500	12.750	50.00	150.00	250.00	500.0
Calibration Point 6	0.0000	0.0000	4.300	8.500	37.50	112.50	187.50	375.0
Calibration Point 7	-0.0900	-0.2500	2.150	4.250	25.00	75.00	125.00	250.0
Calibration Point 8	-0.1800	-0.5000	0.000	0.000	12.50	37.50	62.50	125.0
Calibration Point 9	-0.2700	-0.7500	-7.000	-7.000	0.00	0.00	0.00	0.0
Calibration Point 10	-0.3600	-1.0000	-14.000	-14.000	-12.00	-12.00	-12.00	-12.0
Calibration Point 11								
Model Number	**700G10**	**700G29**	**700G30**	**700G31**	**700GA4**	**700GA5**	**700GA6**	**700GA27**
Pressure Range (psi)	2000	3000	5000	10000	15 psia	30 psia	100 psia	300 psia
Calibration Point 1	2000.0	3000.0	5000.0	10000	15.000	30.000	100.00	300.00

Table 3. Calibration Points (cont.)

Model Number	700G10	700G29	700G30	700G31	700GA4	700GA5	700GA6	700GA27
Calibration Point 2	1750.0	2625.0	4375.0	9300	13.125	26.250	87.50	262.50
Calibration Point 3	1500.0	2250.0	3750.0	8000	11.000	22.500	75.00	225.00
Calibration Point 4	1250.0	1875.0	3125.0	6500	25.000	18.750	62.50	187.50
Calibration Point 5	1000.0	1500.0	2500.0	5000	9.375	15.000	50.00	150.00
Calibration Point 6	750.0	1125.0	1875.0	3900	7.500	11.250	37.50	112.50
Calibration Point 7	500.0	750.0	1250.0	2800	5.625	7.500	25.00	75.00
Calibration Point 8	250.0	375.0	625.0	1800	3.750	3.750	12.50	37.50
Calibration Point 9	0.0	0.0	0.0	1000	1.875	0.300	0.40	0.50
Calibration Point 10				500	0.300			
Calibration Point 11				0				

Serial Interface

Use terminal communication software on a PC to set up terminal communication. An RS-232 to USB cable is necessary. This cable comes with 700G/TRACK Software. Use these terminal parameters:

- Bits per second: 9600
- Data bits: 8
- Parity: None
- Stop bits: 1
- Flow control: None
- Local echo: on

List of Commands

Table 4 shows the commands that the Product uses to communicate. Send these commands from the PC to set up the Product or to take a measurement.

Table 4. Commands

Command	Description
CAL_START	Puts the calibrator in calibration mode
*CLS	Deletes the error queue
FAULT?	Shows an error code from the error queue
*IDN?	Identification query. Shows the manufacturer, model number, and firmware revision level of the calibrator
TARE	Tares the offset pressure of the measurement on the calibrator
TARE?	Shows the current tare value
PRES_UNIT?	Shows the pressure unit for the upper display
PRES_UNIT	Sets the pressure unit for the display
ZERO_MEAS	Zeros the pressure of the calibrator
ZERO_MEAS?	Shows the current zero offset value
MINMAX_RST	Resets the minimum and maximum recorded values
MIN?	Shows the minimum recorded value
MAX?	Shows the maximum recorded value
HC_OFF	Turns off the Product
HC_DFLT	Sets auto-off defaults
TEMP?	Shows temperature in the units that you choose
HC_COMP_OFF	Turns off temperature compensation
HC_COMP_ON	Turns on temperature compensation
HC_COMP?	Shows state of temperature compensation
HC_RD_2410?	Shows 2410 ADC counts
HC_SI_OFF	Turns off SI mode
HC_SI_ON	Turns on SI mode
CAL_STORE	Keeps calibration data
HC_AUTO_OFF	Turns off auto shutdown
HC_AUTO_ON	Turns on auto shutdown
CUST_MULT?	Sets the multiplier for the custom unit type
STREAM_OFF	Turns of streaming data
STREAM_ON	Turns on streaming data
HC_TEMP?	Same as TEMP?
VAL?	Shows the measured pressure value in selected units
HC_CMD_LIST	Prints a command list
TEMP_UNIT	Set a temperature unit
TEMP_UNIT?	Shows temperature unit

Parameter Units

The Product can be set to show the measurement units in Table 5.

Table 5. Measurement Units Used with Serial Port Commands

Units	Description
Psi	Pressure in pounds per square-inch
Bar	Pressure in bars
mBar	Pressure in millibars
Kg/cm2	Pressure in kilograms per centimeter squared
inH2O4C	Pressure in inches of water at 4 °C
inH2O20C	Pressure in inches of water at 20 °C
inH2O60F	Pressure in inches of water at 60 °F
mH2O4C	Pressure in meters of water at 4 °C
mH2O20C	Pressure in meters of water at 20 °C
cmH2O4C	Pressure in centimeters of water at 4 °C
cmH2O4C	Pressure in centimeters of water at 20 °C
mmH2O4C	Pressure in millimeters of water at 4 °C
mmH2O20C	Pressure in millimeters of water at 20 °C
MSW	Pressure in meters of salt water
ftH2O4C	Pressure in feet of water at 4 °C
ftH2O20C	Pressure in feet of water at 20 °C
ftH2O60F	Pressure in feet of water at 60 °F
FTSW	Pressure in feet of salt water
inhg0C	Pressure in inches of mercury at 0 °C
mmHg0C	Pressure in millimeters of mercury at 0 °C
kPa	Pressure in kilopascals
mPa	Pressure in mega Pascal
Torr	Pressure in Torr
CUST	Pressure in custom-defined units
Far	Temperature in Fahrenheit
Cel	Temperature in Celsius

Error Codes

A list of error codes are in Table 6.

Table 6. Error Codes

Error	Description
101	A non-numeric entry was received where a numeric entry is necessary
102	Too many significant digits entered
103	Invalid units or parameter value received
105	Entry is above the upper limit of the allowable range
106	Entry is below the lower limit of the allowable range
108	A required command parameter was missing
109	An invalid pressure unit was received
117	An unknown command was received
120	The serial input buffer overflowed
121	Too many entries in the command line
122	Pressure module not connected

Replacement Parts and Accessories

Table 7 lists the customer replaceable parts. Replacement parts can be ordered from Fluke Corporation and its approved representatives. Use the part number when you order the replacement part or accessory. See the "How to Contact Fluke" section.

Table 7. Replacement Parts and Accessories

Part Number	Description
4110667	Fluke-700G, Decal, Front
4110671	Fluke-700G, Decal, Back
4374013	Decal, Top Case Identification For 700G10 2000 psia
4374024	Decal,Top Case Identification For 700G01 10 IN/H2O
4374036	Decal, Top Case Identification For 700G02 30 IN/H2O
4374049	Decal,Top Case Identification For 700GA4 15 psia
4374051	Decal, Top Case Identification For 700GA5 30 psia
4374060	Decal, Top Case Identification For 700GA6 100 psia
4374072	Decal, Top Case Identification For 700GA27 300 psia
4374085	Decal, Top Case Identification For 700RG05 30 PSIG
4374097	Decal, Top Case Identification For 700RG06 100 PSIG
4374106	Decal, Top Case Identification For 700RG07 500 PSIG
4374114	Decal, Top Case Identification For 700RG08 1000 PSIG
4374123	Decal, Top Case Identification For 700RG29 3000 PSIG
4374138	Decal, Top Case Identification For 700RG30 5000 PSIG
4374145	Decal, Top Case Identification For 700RG31 10000 PSIG
4374161	Decal, Top Case Identification For 700G04 15 PSIG
4374177	Decal, Top Case Identification For 700G05 30 PSIG
4374189	Decal, Top Case Identification For 700G06 100 PSIG
4374192	Decal, Top Case Identification For 700G27 300 PSIG
4374200	Decal, Top Case Identification For 70G07 500 PSIG
4374217	Decal, Top Case Identification For 700G08 1000 PSIG
4374221	Decal, Top Case Identification For 700G29 3000 PSIG
4374239	Decal, Top Case Identification For 700G30 5000 PSIG
4374242	Decal, Top Case Identification For 700G31 10000 PSIG
4374256	Decal, Manifold Range 10in H20 27mbar
4374263	Decal, Manifold Range 30in H20 70mbar

Table 7. Replacement Parts and Accessories (cont.)

Part Number	Description
4374295	Decal, Manifold Range 150psi 10bar
4374301	Decal, Manifold Range 1500psi 100bar
4374312	Decal, Manifold Range 2000psi 140bar
4374320	Decal, Manifold Range 15psia 1bar
4374335	Decal, Manifold Range 30psia 2bar
4374347	Decal, Manifold Range 100psia 7bar
4374358	Decal, Manifold Range 300psia 20bar
4110680	Fluke-700G04,15 Psi, Manifold Decal
4110698	Fluke-700G05, 30 Psi, Manifold Decal
4110705	Fluke-700G06,100 Psi, Manifold Decal
4110710	Fluke-700G27, 300 Psi, Manifold Decal
4110722	Fluke-700G07, 500 Psi, Manifold Decal
4110731	Fluke-700G08, 1000 Psi, Manifold Decal
4110746	Fluke-700G29, 3000 Psi, Manifold Decal
4110754	Fluke-700G30, 5000 Psi, Manifold Decal
4110768	Fluke-700G31, 10000 Psi, Manifold Decal
4110779	Fluke-700G, Pressure Gauge, Boot
4123225	Fluke 700G/TRACK Software and Serial Cable
4098606	*700G Safety Information* (15 language)
4098593	700G CD-ROM (includes 15 language Users Manual)