

Fluke 725 Multifunction
Calibrator



Simultaneous Function Capability	Channel A	Channel B
24.000 mA DC	M	M or S
24.000 mA DC with 24V loop supply	M	
100.00 mV DC		M or S
30.000V DC Measure	M	
20.000V DC Measure 10.000V DC Source		M or S
15 to 3200 Ohms		M or S
Thermocouple J, K, T, E, R, S, B, L, U, N		M or S
RTD Ni120; Pt100 (392); Pt100 (JIS); Pt100, 200, 500, 1000 (385)		M or S
Pressure (requires Fluke 700PXX Modules)	M	M used as S
Frequency; Squarewave, 1 CPM to 10 kHz; fixed amplitude 5V p-p		M or S

M = Measure S = Source/Simulate

Simply Powerful!

The new Fluke 725 Multifunction Process Calibrator is a powerful yet easy-to-use field calibrator. Use the measure and source functions to test and calibrate almost any process parameter.

- Small, streamlined shape makes it easy to carry
- Rugged, reliable design stands up to field use
- Easy to read measure/source screen lets you view input and output simultaneously
- Measure volts, mA, RTDs, thermocouples, frequency, and ohms to test sensors and transmitters
- Source/simulate volts, mA, thermocouples, RTDs, frequency, and ohms to calibrate transmitters
- Measure/source pressure using any of 28 Fluke 700Pxx Pressure Modules
- Source mA with simultaneous pressure measurement to conduct valve and I/P tests
- Support flow meter testing with frequency and CPM functions
- Perform fast linearity tests with auto step and auto ramp features
- Power transmitters during test using loop supply with simultaneous mA measurement
- Store frequently-used test setups for later use
- Backlight lets you work in poor light
- Remote interface allows benchtop automated operations
- Large battery capacity of four AA cells
- Battery door for easy changes

Fluke. *Keeping your world up and running.*

Ordering information

Fluke 725 Multifunction Process Calibrator
Each calibrator includes: TL75 Test Leads, AC70A Test Clips, one pair of stackable test leads, Users Manuals appropriate to country of destination (English, plus three of: French, German, Spanish, Italian, Dutch, Norwegian, Danish, Swedish, Finnish, Portuguese, Korean, Chinese, and Japanese), Statement of Quality Assurance Practices; CE and CSA markings.

Specifications

Summary specifications (18°C to 28°C for one year)

Function Measure or Source	Range	Resolution	Accuracy	Notes
Voltage	0 to 100 mV 0 to 10V (source) 0 to 30V (measure)	0.01 mV 0.01V 0.01V	.02% Rdg + 2 LSD	Max load, 1 mA
mA	0 to 24	0.001 mA	.02% Rdg + 2 LSD	Max load, 1000Ω
mV (TC terminals)	-10.00 mV to +75.00 mV	.01 mV	.025% of range + 1 LSD	
Resistance	15Ω to 3200Ω	0.01Ω to 0.1Ω	0.10Ω to 1.0Ω	
Frequency	2.0 to 1000.0 CPM 1 to 1000 Hz 1.0 to 10.0 kHz	0.1 CPM 1 Hz 0.1 kHz	±.05% ±.05% ±.25%	For frequency source, waveform is 5V p-p squarewave, -0.1V offset
Loop Supply	24V dc	N/A	10%	

Temperature coefficient, -10°C to 18°C, 28°C to 55°C, ±.005% of range per °C.

Thermocouple accuracy specifications

Thermocouple	Measure or Source	
J	-200 to 0°C 0 to 1200°C	1.0°C 0.7°C
K	-200 to 0°C 0 to 1370°C	1.2°C 0.8°C
T	-200 to 0°C 0 to 400°C	1.0°C 0.8°C
E	-200 to 0°C 0 to 950°C	0.9°C 0.7°C
R	-20 to 0°C 0 to 500°C 500 to 1750°C	2.5°C 1.8°C 1.4°C
S	-20 to 0°C 0 to 500°C 500 to 1750°C	2.5°C 1.8°C 1.5°C
B	600 to 800°C 800 to 1000°C 1000 to 1800°C	2.2°C 1.8°C 1.4°C
L	-200 to 0°C 0 to 900°C	0.85°C 0.7°C
U	-200 to 0°C 0 to 400°C	1.1°C 0.75°C
N	-200 to 0°C 0 to 400°C	1.5°C 0.9°C
Resolution		
J, K, T, E, L, N, U		0.1°C, 0.1°F
B, R, S		1°C, 1°F
Notes		
Accuracy specifications include 0.2°C cold junction uncertainty.		

RTD ranges and accuracy specifications

RTD Types, Ranges and Accuracies			
		Measure (4 wire)	Source
Ni 120	-80°C to 260°C	0.2°C	0.2°C
Pt 100 - 385	-200°C to 800°C	0.33°C	0.33°C
Pt 100 - 3926	-200°C to 630°C	0.3°C	0.3°C
Pt 100 - 3916 (JIS)	-200°C to 630°C	0.3°C	0.3°C
Pt 200 - 385	-200°C to 250°C 250°C to 630°C	0.2°C 0.8°C	0.2°C 0.8°C
Pt 500 - 385	-200°C to 500°C 500 to 630°C	0.3°C 0.4°C	0.3°C 0.4°C
Pt 1000 - 385	-200°C to 100°C 100°C to 630°C	0.2°C 0.3°C	0.2°C 0.2°C
Resolution			
RTD	0.1°C, 0.1°F		

General specifications

Maximum voltage: 30V
Storage temperature: -40°C to 71°C
Operating temperature: 10°C to 55°C
Relative humidity: 95% (10°C to 35°C); 75% (30°C to 40°C); 45% (40°C to 50°C); 35% (50°C to 55°C)
Shock: 30g, 11ms, half-sine shock (or 1meter drop test)
Vibration: Random, 2g, 5-500 Hz
Safety: CSA C22.2 No. 1010.1:1992
EMC: EN50082-1:1992 and EN55022:1994 Class B
Size/weight: 96 x 200 x 47 mm (3.8 x 7.9 x 1.9 inches) 650g (23 oz)
Battery: Four AA alkaline batteries. Battery life: 25 hours typical
Warranty: Three years

Fluke 750P Series Pressure Modules

Technical Data

Precision pressure measurement for 75X and 720 series calibrators

The 750P Series Pressure Modules are the ideal pressure modules to enable gage, differential and absolute pressure measurement with Fluke 750 and 740 series DPCs and 725, 726 MPCs to measure pressure.

- 0.025 % reference uncertainty
- 6-month and 1-year specifications
- Temperature compensated 0 °C to 50 °C
- Digital communication to calibrators, no analog losses or errors
- Broad selection of ranges
- Gage, differential, dual range, absolute and vacuum measurement models

A complete family of pressure modules

A family of 48 pressure modules covers pressure calibrations from 0 to 1 in H₂O to 10000 psi (2.5 mBar to 690 bar).

Gage pressure modules have one pressure fitting and measure the pressure with respect to atmospheric pressure. Differential pressure modules have two pressure fittings and measure the difference between the applied pressure on the high fitting versus the low fitting. Each module is clearly labeled for range, over-pressure and media compatibility. All modules include NPT, metric (BSP) and M20 adapters.

Quick and easy measurements

Fluke 750P Series Pressure Modules are easy to use. To measure pressure, connect the pressure module to a pressure source or hand pump and then connect the pressure module cable to the calibrator. Apply pressure from the pressure source and it is displayed digitally on the calibrator. At the touch of a button, the pressure may be displayed in up to 11 different engineering units. When used with the 750 Series Documenting Process Calibrators, pressure readings can be date/time stamped and stored electronically for later retrieval. This saves time, eliminates errors, and supports compliance with quality standards and regulations.



Pressure module performance and technology

Fluke 750P Series pressure modules are highly accurate, with specifications that apply from 0 °C to 50 °C (32 °F to 122 °F), a feature that sets them apart from other pressure calibrators. Many ranges have total uncertainties of 0.04 % of full scale and reference uncertainties of 0.01 % of full scale (see specification table).

This performance is possible through the innovative application of mathematics and micro-processor power. Fluke pressure modules have silicon piezo-resistor sensors which consist of a resistive bridge fabricated in a silicon diaphragm. Pressure applied to the diaphragm causes a change in the balance of the bridge which is proportional to the applied pressure. The bridge balance change is not linear and is very sensitive to temperature. However, since these effects are quite stable with time and with repetitive changes of condition, the sensors are carefully characterized.

During manufacture, Fluke pressure module sensors are characterized by reading temperature and pressure at multiple points. A least-squares regression is used to calculate the coefficients of a polynomial expression for pressure. The coefficients, unique to that pressure module, are stored in the module's memory.

Each module has its own microprocessor, allowing it to run the measurement circuitry and to communicate digitally with a calibrator. When connected to the calibrator, the modules coefficients are uploaded from the pressure module to the calibrator. Then, as pressure measurements are made, raw sensor values for pressure and temperature are digitally loaded to the calibrator, where the raw sensor values and coefficients are manipulated to derive and display the pressure reading.

This innovative technique provides several benefits:

1. Digital communication eliminates errors due to poor connections and electrical interference.
2. The modules are inherently temperature-compensated from 0 °C to 50 °C (32 °F to 122 °F).

3. The modules are fully interchangeable because all measurements are completed in the pressure module itself and then communicated to the calibrator in digitized form. Modules are calibrated independently of the calibrator, and can be used with any 740, 750 or compatible 720 or 710 series calibrator. Each module has its own serial number to maintain independent traceability.

Sensor protection in isolated modules

Many of these modules (see table) incorporate a stainless steel diaphragm to isolate the sensor. With these modules, any medium that is compatible with stainless steel can be used on the high side of the module.

Rugged construction

A urethane overmolding protects against shock if a module is accidentally dropped and also seals against dirt, dust, and moisture. Pressure connections are 1/8" NPT female connection. A 1/4" NPT Male, 1/4" BSP/ISO and M20 male adapter are also provided with each pressure module.

Convenient setup

A one-meter cable between the pressure module and calibrator reduces the length of connecting tubing to the pressure source. The remote pressure head also provides an extra margin of safety and convenience by removing the calibrator and operator from the pressure source in the event or need for semi-remote measurements.



Pressure accessories

Image	Description	Application
Fluke 700PTP-1 Pneumatic Test Pump		
	The Fluke 700PTP-1 is a handheld pressure pump designed to generate either vacuum to -13 psi/-0.9 bar or pressure to 600 psi/40 bar The Fluke 700PTP-1 has two pressure ports: • 1/4" NPT female parallel thread fitting for the reference gauge or pressure module • 1/4" NPT female parallel thread fitting for the unit under test	The Fluke 700PTP-1 features an integral pressure adjustment vernier which varies the pressurized volume by 2.0 cc over approximately eleven turns of the vernier knob. The pressure variation achievable with the vernier will depend on the nominal pressure and total pressurized volume, but with a minimum volume and maximum pressure, the vernier provided 600 ± 20 psi adjustment range. With a minimum volume and no pressure applied, the vernier can also be used to provide a 0 to 70" H2O range. Larger volumes will provide a smaller range of adjustment, but greater resolution. The length of the stroke can be adjusted to limit the maximum output pressure. Maximum output pressure is adjustable from 2.5 psi to 600 psi. For use with: Fluke 700 and 750P Series Pressure Modules and the Fluke 710 and 720 Series Pressure Calibrators
Fluke 700HTP-2 Hydraulic Test Pump		
	The Fluke 700HTP-1 is designed to generate pressures up to 10000 psi/700 bar. The Fluke 700HTP-1 has two pressure ports: • 1/4" NPT female parallel thread fitting for the reference gauge or pressure module • 1/4" NPT female parallel thread fitting for the unit under test Note: The user must provide a hose with appropriate end fittings from this port to the unit under test.	This pump can provide up to 10000 psi using distilled water or mineral-based hydraulic oil. The pump is operated by pumping several strokes to prime the system, then switching to high pressure mode when the resistance increases. An integral pressure adjustment vernier knob varies the pressurized volume by 0.6 cc. The pressure variation achievable with the vernier will depend on the nominal pressure and total pressurized volume, but with a minimum volume, the vernier provided 150 psi to 3000 psi (at 150 psi nominal) and 3000 psi to 10000 psi (at 3000 psi nominal) adjustment ranges. With a minimum volume and no pressure applied, the vernier can also be used to provide a 0 to 1.7 psi range. Larger volumes will provide a smaller range of adjustment, but greater resolution. For use with: Fluke 700 and 750P Series Pressure Modules and the Fluke 710 and 720 Series Pressure Calibrators
Fluke 700LTP-1 Low-Pressure Test Pump		
	The Fluke 700LTP-1 is a hand operated pressure pump designed to generate either vacuum to -12 psi/-0.85 bar or pressures to 100 psi/6.9 bar. The Fluke 700LTP-1 has two pressure ports with push fit connectors. These push fit connectors, one for the reference port for connection to a Fluke 700 Series Pressure Module and one to connect to a unit under test, connect to the supplied test hoses.	The Fluke 700LTP-1 is primarily intended for low pressure applications. It features a fine adjust vernier with .00145 psi resolution at low pressures. The pressure variation achievable with the vernier will depend on the nominal pressure and total pressurized volume, but with minimum volume and maximum pressure the vernier provides 30 psi ± 6 psi. The adjustable pressure relief valve features a slow-bleed capability that allows the user to slowly release pressure at a controlled rate to achieve a desired pressure.
Fluke 700HTH-1 Hydraulic Test Hose		
	The Fluke 700HTH-1 Hydraulic Test Hose is a 10000 psi, 700 bar working pressure test hose. The hose uses self-sealing fittings with easy finger tight connections.	The Fluke 700HTH-1 allows connections to a unit under test from a Fluke 700HTP-1 hydraulic test pump in use with the Fluke 700 and 750P Series Pressure Modules. The 700HTH-1 is compatible with water and non-corrosive oil.
Fluke 71X Hose Kit		
	The Fluke 71X hose kit includes (2) quick disconnect fittings to connect to the 718 or 719, (3) 1-meter translucent hoses and one BSP adapter.	For use with: Fluke 718 and 719 Pressure Calibrators
Fluke 700PRV-1 Pressure Relief Valve Kit		
	The Fluke 700PRV-1 consists of two relief valves (1360 and 5450 psi) to be used with the 700HTP-1 Hydraulic Test Pump. These relief valves will protect the Fluke pressure modules from damage due to over-pressurization. 1/4 BSP male parallel thread to fit Fluke 700HTP-1.	Repeatability ± 10 % of nominal setting. Multiturn adjustment screw to set preload on internal disc springs. For use with: Fluke 700HTP-1 Hydraulic Test Pump.
Fluke 700 PMP Pressure Pump		
	The Fluke 700PMP is a hand-operated pressure pump to provide pressures up to 150 psi/1000 kPa. Output fitting is 1/8 FNPT.	Linear stroke of 1.6 in (4 cm). Multi-turn vernier for fine adjustment of pressure. Includes controlled pressure bleed valve. For use with: Fluke 700 and 750P Series Pressure Modules and the Fluke 710 and 720 Series Pressure Calibrators.

General specifications

Model	Parameter/ Range	Burst Rating ⁶	Hi Side Media ²	Lo Side Media ²	Reference Uncertainty ⁴	Total Uncertainty 1-year (15-35 °C)	Total Uncertainty 1-year ¹	Total Uncertainty 6-month (15-35 °C)	Total Uncertainty 6-month ¹
Differential									
750P00	0 to 1 in H ₂ O (0 to 2.5 mBar)	30X	Dry Air	Dry Air	±0.15 %	± 0.3 %	± 0.35 %	± 0.25 %	± 0.30 %
750P01	0 to 10 in H ₂ O (0 to 25 mBar)	3X	Dry Air	Dry Air	±0.1 %	± 0.2 %	± 0.3 %	± 0.15 %	± 0.25 %
750P02	0 to 1 psi (0 to 70 mBar)	3X	Dry Air	Dry Air	±0.050 %	± 0.1 %	± 0.15 %	± 0.075 %	± 0.125 %
750P22	0 to 1 psi (0 to 70 mBar)	3X	316 SS	Dry Air	±0.050 %	± 0.1 %	± 0.15 %	± 0.075 %	± 0.125 %
750P03	0 to 5 psi (0 to 350 mBar)	3X	Dry Air	Dry Air	±0.02 %	± 0.04 %	± 0.05 %	± 0.035 %	± 0.04 %
750P23	0 to 5 psi (0 to 350 mBar)	4X	316 SS	Dry Air	±0.02 %	± 0.04 %	± 0.05 %	± 0.035 %	± 0.04 %
750P04	0 to 15 psi (0 to 1 bar)	3X	Dry Air	Dry Air	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P24	0 to 15 psi (0 to 1 bar)	4X	316 SS	Dry Air	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
Gage									
750P05	0 to 30 psi (0 to 2 bar)	4X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P06	0 to 100 psi (0 to 7 bar)	4X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P27	0 to 300 psi (0 to 20 bar)	4X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P07	0 to 500 psi (0 to 35 bar)	4X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P08	0 to 1000 psi (0 to 70 bar)	3X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P09	0 to 1500 psi (0 to 100 bar)	3X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P2000	0 to 2000 psi (0 to 140 bar)	3X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
High									
750P29	0 to 3000 psi (0 to 200 bar)	3X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P30	0 to 5000 psi (0 to 340 bar)	3X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750P31	0 to 10000 psi (0 to 700 bar)	2X	316 SS	N/A	±0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
Absolute									
750PA3	0 to 5 psia (0 to 350 mBar)	4X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA4	0 to 15 psia (0 to 1 bar)	4X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA5	0 to 30 psia (0 to 2 bar)	4X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA6	0 to 100 psia (0 to 7 bar)	4X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA27	0 to 300 psia (0 to 20 bar)	4X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA7	0 to 500 psia (0 to 35 bar)	4X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA8	0 to 1000 psia (0 to 70 bar)	3X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PA9	0 to 1500 psia (0 to 100 bar)	3X	316 SS	N/A	±0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %

General specifications (continued)

Model	Parameter/ Range	Burst Rating ⁶	Hi Side Media ²	Lo Side Media ²	Reference Uncertainty ⁴	Total Uncertainty 1-year (15 °C to 35 °C)	Total Uncertainty 1-year ¹	Total Uncertainty 6-month (15 °C to 35 °C)	Total Uncertainty 6-month ¹
Vacuum									
750PV3	-5 psi (-350 mBar)	4X	316 SS	Dry Air	± 0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PV4	-15 psi (-1 bar)	4X	316 SS	Dry Air	± 0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
Dual									
750PD2	-1 to 1 psi (-70 to 70 mBar)	4X	316 SS	Dry Air	± 0.05 %	± 0.1 %	± 0.15 %	± 0.075 %	± 0.125 %
750PD3	-5 to 5 psi (-350 to 350 mBar)	4X	316 SS	Dry Air	± 0.03 %	± 0.06 %	± 0.07 %	± 0.05 %	± 0.06 %
750PD10	-10 to 10 psi (-700 to 700 mBar)	4X	316 SS	Dry Air	± 0.025 %	± 0.05 %	± 0.07 %	± 0.04 %	± 0.06 %
750PD4	-15 to 15 psi (-1 to 1 bar)	4X	316 SS	Dry Air	± 0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750PD5	-15 to 30 psi (-1 to 2 bar)	4X	316 SS	—	± 0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750PD50	-15 to 50 psi (-1 to 3.5 bar)	4X	316 SS	—	± 0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750PD6	-15 to 100 psi (-1 to 7 bar)	4X	316 SS	—	± 0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750PD7	-15 to 200 psi (-1 to 14 bar)	4X	316 SS	—	± 0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
750PD27	-15 to 300 psi (-1 to 20 bar)	4X	316 SS	—	± 0.0175 %	± 0.035 %	± 0.045 %	± 0.03 %	± 0.04 %
Reference									
750R04 ⁵	0 to 15 psi (0 to 1 bar)	3X	Dry Air	Dry Air	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R06 ⁵	0 to 100 psi (0 to 7 bar)	4X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R27	0 to 300 psi (0 to 20 bar)	4X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R07	0 to 500 psi (0 to 35 bar)	4X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R08 ⁵	0 to 1000 psi (0 to 70 bar)	3X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R29	0 to 3000 psi (0 to 200 bar)	3X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R30	0 to 5000 psi (0 to 340 bar)	3X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750R31 ⁵	0 to 10000 psi (0 to 700 bar)	2X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750RD5	-15 to 30 psi (-1 to 2 bar)	4X	Dry Air	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750RD6 ⁵	-12 to 100 psi (-1 to 7 bar)	4X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS
750RD27	-12 to 300 psi (-0.8 to 20 bar)	4X	316 SS	—	± 0.01 % of FS	± 0.02 % of FS	± 0.04 % of FS	± 0.015 % of FS	± 0.035 % of FS

1. Total uncertainty, % of full span for temperature range 0 °C to +50 °C, one year interval. Total uncertainty, 1.0% of full span for temperature range -10 °C to 0 °C, one year interval. No 6 month specification available for range -10 °C to 0 °C.
2. "NONCORROSIVE GASSES" indicates dry air or non-corrosive gas as compatible media. "Stainless Steel 316-SS" indicates media compatible with Type 316 Stainless Steel.
3. Specifications % of Full Span unless otherwise noted.
4. * Reference Uncertainty is the specification for as left data for 24 hours.
5. When reference class modules are used with fixed resolution products (717, 718, 719 series, 725 and 726) calibrators add ± 1 count to the overall accuracy specification.
6. Burst rating specification refers to the multiplier times full scale of the module for the rated burst pressure.

Ordering information

FLUKE-750P00	Pressure Module, 0 psi to 1 psi in H ₂ O (0 to 2.5 mBar), (0 to 0.25 kPa)
FLUKE-750P01	Pressure Module, 0 psi to 10 psi in H ₂ O (0 to 25 mBar), (0 to 2.5 kPa)
FLUKE-750P22	Pressure Module, 0 psi to 1 psi (0 to 70 mBar), (0 to 7 kPa)
FLUKE-750P23	Pressure Module, 0 psi to 5 psi (0 to 350 mBar), (0 to 35 kPa)
FLUKE-750P04	Pressure Module, 0 psi to 15 psi (0 to 1 bar), (0 to 100 kPa)
FLUKE-750P24	Pressure Module, 0 psi to 15 psi (0 to 1 bar), (0 to 100 kPa)
FLUKE-750P05	Pressure Module, 0 psi to 30 psi (0 to 2 bar), (0 to 200 kPa)
FLUKE-750P06	Pressure Module, 0 psi to 100 psi (0 to 7 bar), (0 to 700 kPa)
FLUKE-750P27	Pressure Module, 0 psi to 300 psi (0 to 20 bar), (0 to 2000 kPa)
FLUKE-750P07	Pressure Module, 0 psi to 500 psi (0 to 35 bar), (0 to 3500 kPa)
FLUKE-750P08	Pressure Module, 0 psi to 1000 psi (0 to 70 bar), (0 to 7000 kPa)
FLUKE-750P09	Pressure Module, 0 psi to 1500 psi (0 to 100 bar), (0 to 10 MPa)
FLUKE-750P2000	Pressure Module, 0 psi to 2000 psi (0 to 140 bar), (0 to 14 MPa)
FLUKE-750P29	Pressure Module, 0 psi to 3000 psi (0 to 200 bar), (0 to 20 MPa)
FLUKE-750P30	Pressure Module, 0 psi to 5000 psi (0 to 340 bar), (0 to 34 MPa)
FLUKE-750P31	Pressure Module, 0 psi to 10000 psi (0 to 700 bar), (0 to 70 MPa)
FLUKE-750PA3	Pressure Module, 0 psi to 5 psi (0 to 350 mBar), (0 to 35 kPa)
FLUKE-750PA4	Pressure Module, 0 psi to 15 psi (0 to 1 bar), (0 to 100 kPa)
FLUKE-750PA5	Pressure Module, 0 psi to 30 psi (0 to 2 bar), (0 to 200 kPa)
FLUKE-750PA6	Pressure Module, 0 psi to 100 psi (0 to 7 bar), (0 to 700 kPa)
FLUKE-750PA27	Pressure Module, 0 psi to 300 psi (0 to 20 bar), (0 to 2000 kPa)
FLUKE-750PA7	Pressure Module, 0 psi to 500 psi (0 to 35 bar), (0 to 3500 kPa)
FLUKE-750PA8	Pressure Module, 0 psi to 1000 psi (0 to 70 bar), (0 to 7000 kPa)
FLUKE-750PA9	Pressure Module, 0 psi to 1500 psi (0 to 100 bar), (0 to 10 MPa)
FLUKE-750PV3	Pressure Module, -5 psi (-350 mBar), (-35 kPa)
FLUKE-750PV4	Pressure Module, -15 psi (-1 bar), (-100 kPa)
FLUKE-750PD2	Pressure Module, -1 psi to 1 psi (-70 to 70 mBar), (-7 to 7 kPa)
FLUKE-750PD3	Pressure Module, -5 psi to 5 psi (-350 to 350 mBar), (-35 to 35 kPa)
FLUKE-750PD10	Pressure Module, -10 psi to 10 psi (-0.7 to 0.7 bar), (-70 to 70 kPa)
FLUKE-750PD4	Pressure Module, -15 psi to 15 psi (-1 to 1 bar), (-100 to 100 kPa)
FLUKE-750PD5	Pressure Module, -15 psi to 30 psi (-1 to 2 bar), (-100 to 200 kPa)
FLUKE-750PD50	Pressure Module, -15 psi to 50 psi (-1 to 3.5 bar), (-100 to 350 kPa)
FLUKE-750PD6	Pressure Module, -15 psi to 100 psi (-1 to 7 bar), (-100 to 700 kPa)
FLUKE-750PD7	Pressure Module, -15 psi to 200 psi (-1 to 14 bar), (-100 to 1400 kPa)
FLUKE-750PD27	Pressure Module, -15 psi to 300 psi (-1 to 20 bar), (-100 to 2000 kPa)
FLUKE-750R04	Pressure Module, 0 psi to 15 psi (0 to 1 bar) (0 to 100 kPa)
FLUKE-750R06	Pressure Module, 0 psi to 100 psi (0 to 7 bar), (0 to 700 kPa)
FLUKE-750R27	Pressure Module, 0 psi to 300 psi (0 to 20 bar), (0 to 2000 kPa)
FLUKE-750R07	Pressure Module, 0 psi to 500 psi (0 to 35 bar), (0 to 3500 kPa)
FLUKE-750R08	Pressure Module, 0 psi to 1000 psi (0 to 70 bar), (0 to 7000 kPa)
FLUKE-750R29	Pressure Module, 0 psi to 3000 psi (0 to 200 bar), (0 to 20 MPa)
FLUKE-750R30	Pressure Module, 0 psi to 5000 psi (0 to 340 bar), (0 to 34 MPa)
FLUKE-750R31	Pressure Module, 0 psi to 10000 psi (0 to 700 bar), (0 to 70 MPa)
FLUKE-750RD5	Pressure Module, -15 psi to 30 psi (-1 to 2 bar), (-100 to 200 kPa)
FLUKE-750RD6	Pressure Module, -12 psi to 100 psi (-0.8 to 7 bar), (-80 to 700 kPa)
FLUKE-750RD27	Pressure Module, -12 psi to 300 psi (-0.8 to 20 bar), (-80 to 2000 kPa)
FLUKE-750P03	Pressure Module, 0 psi to 5 psi (0 to 350 mBar), (0 to 35 kPa)
FLUKE-750P02	Pressure Module, 0 psi to 1 psi (0 to 70 mBar), (0 to 7 kPa)

Included equipment

Manual, traceable calibration certificate, and adapters.