

Fluke 721 and 721Ex Precision Pressure Calibrators



Fluke 721



Pressure calibration and temperature measurement for custody transfer applications

The Fluke 721 and 721Ex Precision Pressure Calibrators with dual isolated pressure sensors are the ideal tool for gas custody transfer applications allowing you to take simultaneous static and differential pressure measurements with a single tool.

The 721 and 721Ex can be configured by selecting either a 16 PSI (1.1 bar) or 36 psi (2.48 bar) low pressure sensor then adding any of 7 high pressure ranges including 100, 300, 500, 1000, 1500, 3000 or 5000 psi (6.9, 20, 24.5, 69, 103.4, 200, 345 bar).

- Intrinsically Safe (721Ex version only) – IECEx and II 2G ia IIB T3 Gb (Zone 1)
- Ideal for gas flow calibration (custody transfer) applications
- Two isolated, stainless steel, pressure sensors with 0.02% accuracy
- Switch test on both pressure inputs
- Pt100 RTD input for temperature measurement, (probe optional)
- Measures 4–20 mA signals
- Internal 24 V loop power supply can power a transmitter under test (721 models only)
- Three-year warranty

Specialty Model Fluke 721Ex Precision Pressure Calibrator

The ideal tool for gas custody transfer applications in potentially explosive atmospheres.



Recommended Accessories



720RTD
RTD Probe for
721 & 719Pro



720URTD
Universal RTD Adapter
for 721 and 719Pro

Included Accessories

Fluke 721/Ex: Soft Case, Four AA Batteries, Manual, Traceable Calibration Certificate, Test Leads.

Ordering Information

- FLUKE-721-3650** Dual Sensor Pressure Calibrator
- FLUKE-721-3630** Dual Sensor Pressure Calibrator
- FLUKE-721-3615** Dual Sensor Pressure Calibrator
- FLUKE-721-3610** Dual Sensor Pressure Calibrator
- FLUKE-721-3605** Dual Sensor Pressure Calibrator
- FLUKE-721-3603** Dual Sensor Pressure Calibrator
- FLUKE-721-3601** Dual Sensor Pressure Calibrator
- FLUKE-721-1650** Dual Sensor Pressure Calibrator
- FLUKE-721-1630** Dual Sensor Pressure Calibrator
- FLUKE-721-1615** Dual Sensor Pressure Calibrator
- FLUKE-721-1610** Dual Sensor Pressure Calibrator
- FLUKE-721-1605** Dual Sensor Pressure Calibrator
- FLUKE-721-1603** Dual Sensor Pressure Calibrator
- FLUKE-721-1601** Dual Sensor Pressure Calibrator

Intrinsically Safe models available in select ranges (add Ex to the above model numbers).

FLUKE-720RTD RTD Probe for Fluke 721 and 719Pro

FLUKE-720RTDUA Universal RTD Adapter for Fluke 721 and 719Pro

Model	Low Pressure Sensor		High Pressure Sensor		Resolution	Accuracy				
	Range 1	Resolution	Range 2	Accuracy						
Fluke-721-1601 Fluke-721Ex-1601 16PSIG, 100PSIG	-14 to +16 psi -0.97 to 1.1 bar	0.001 psi, 0.001 bar	0.02% of full scale	-12 to +100 psi -0.83 to 6.9 bar	0.01 psi 0.001 bar	0.02% of full scale				
Fluke-721-1603 Fluke-721Ex-1603 16PSIG, 300PSIG				-12 to +300 psi -0.83 to 20 bar	0.01 psi 0.001 bar					
Fluke-721-1605 16PSIG, 500PSIG				-12 to +500 psi -0.83 to 34.5 bar	0.01 psi 0.001 bar					
Fluke-721-1610 16PSIG, 1000PSIG				0 psi to +1000 psi 0.00 to 69 bar	0.1 psi 0.001 bar					
Fluke-721-1615 Fluke-721Ex-1615 16PSIG, 1500PSIG				0 to +1500 psi 0.00 to 103.4 bar	0.1 psi 0.001 bar					
Fluke-721-1630 Fluke-721Ex-1630 16PSIG, 3000PSIG				0 to +3000 psi 0.00 to 200 bar	0.1 psi 0.01 bar					
Fluke-721-1650 16PSIG, 5000PSIG				0 to +5000 psi 0.00 to 345 bar	0.1 psi 0.01 bar		0.03% of full scale			
Fluke-721-3601 36PSIG, 100PSIG				-14 to +36 psi -0.97 to 2.48 bar	0.001 psi, 0.001 bar		0.02% of full scale	-12 to +100 psi -0.83 to 6.9 bar	0.01 psi 0.001 bar	0.02% of full scale
Fluke-721-3603 36PSIG, 300PSIG								-12 to +300 psi -0.83 to 20 bar	0.01 psi 0.001 bar	
Fluke-721-3605 36PSIG, 500PSIG								-12 to +500 psi -0.83 to 34.5 bar	0.01 psi 0.001 bar	
Fluke-721-3610 36PSIG, 1000PSIG	0 to +1000 psi 0.00 to 69 bar	0.1 psi 0.001 bar								
Fluke-721-3615 Fluke-721Ex-3615 36PSIG, 1500PSIG	0 to +1500 psi 0.00 to 103.4 bar	0.1 psi 0.01 bar								
Fluke-721-3630 Fluke-721Ex-3630 36PSIG, 3000PSIG	0 to +3000 psi 0.00 to 200 bar	0.1 psi 0.01 bar								
Fluke-721-3650 Fluke-721Ex-3650 36PSIG, 5000PSIG	0 to +5000 psi 0.00 to 345 bar	0.1 psi 0.01 bar	0.03% of full scale							