

Pressure module specifications (all specifications in % of full span. Specifications reflect a confidence interval of 95%.)

| Model | Range/ Resolution | Range (approx)/ Resolution | Reference uncertainty (23 ± 3°C) | Stability (1 year) | Temperature (0 to 50°C) | Total ¹ uncertainty | High ² side media | Low ² side media | Fitting material | Max over- pressure (x nominal) |
|--|------------------------------|-------------------------------|--|-----------------------|----------------------------|-----------------------------------|------------------------------------|-----------------------------------|---------------------|--------------------------------------|
| Differential | | | | | | | | | | |
| FLUKE-700P00 | 1 in. H ₂ O/0.001 | 0.25 kPa/0.0002 | 0.300 | 0.025 | 0.025 | 0.350 | Dry | Dry | 316 SS | 30x |
| FLUKE-700P01 | 10 in. H ₂ O/0.01 | 2.5 kPa/0.002 | 0.200 | 0.050 | 0.050 | 0.300 | Dry | Dry | 316 SS | 3x |
| FLUKE-700P02 | 1 psi/0.0001 | 6900 Pa/0.7 | 0.150 | 0.070 | 0.080 | 0.300 | Dry | Dry | 316 SS | 3x |
| FLUKE-700P22 | 1 psi/0.0001 | 6900 Pa/0.7 | 0.100 | 0.020 | 0.030 | 0.150 | 316 SS | Dry | 316 SS | 3x |
| FLUKE-700P03 | 5 psi/0.0001 | 34 kPa/0.001 | 0.050 | 0.020 | 0.030 | 0.100 | Dry | Dry | 316 SS | 3x |
| FLUKE-700P23 | 5 psi/0.0001 | 34 kPa/0.001 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | Dry | 316 SS | 3x |
| FLUKE-700P04 | 15 psi/0.001 | 103 kPa/0.01 | 0.025 | 0.010 | 0.015 | 0.050 | Dry | Dry | 316 SS | 3x |
| FLUKE-700P24 | 15 psi/0.001 | 103 kPa/0.01 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | Dry | 316 SS | 3x |
| Gage | | | | | | | | | | |
| FLUKE-700P05 | 30 psi/0.001 | 207 kPa/0.01 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700P06 | 100 psi/0.01 | 690 kPa/0.07 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700P27 | 300 psi / 0.01 | 2070 kPa / 0.1 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700P07 | 500 psi/0.01 | 3400 kPa/0.1 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700P08 | 1000 psi/0.1 | 6900 kPa/0.7 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700P09 | 1500 psi/0.1 | 10 MPa/0.001 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 2x |
| Absolute (not compatible with Fluke 701 or 702) | | | | | | | | | | |
| FLUKE-700PA3 | 5 psi/0.0001 | 34 kPa/0.001 | 0.050 | 0.010 | 0.010 | 0.070 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700PA4 | 15 psi/0.001 | 103 kPa/0.01 | 0.050 | 0.010 | 0.010 | 0.070 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700PA5 | 30 psi/0.001 | 207 kPa/0.01 | 0.050 | 0.010 | 0.010 | 0.070 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700PA6 | 100 psi/0.01 | 690 kPa/0.07 | 0.050 | 0.010 | 0.010 | 0.070 | 316 SS | N/A | 316 SS | 3x |
| Vacuum (not compatible with Fluke 701 or 702) | | | | | | | | | | |
| FLUKE-700PV3 | -5 psi/0.0001 | -34 kPa/0.001 | 0.040 | 0.015 | 0.015 | 0.070 | 316 SS | Dry | 316 SS | 3x |
| FLUKE-700PV4 | -15 psi/0.001 | -103 kPa/0.01 | 0.040 | 0.015 | 0.015 | 0.070 | 316 SS | Dry | 316 SS | 3x |
| Dual | | | | | | | | | | |
| FLUKE-700PD2 | ± 1 psi/0.0001 | ± 6900 Pa/0.7 | 0.150 | 0.025 | 0.025 | 0.200 | 316 SS | Dry | 316 SS | 3x |
| FLUKE-700PD3 | ± 5 psi/0.0001 | ± 34 kPa/0.001 | 0.040 | 0.015 | 0.015 | 0.070 | 316 SS | Dry | 316 SS | 3x |
| FLUKE-700PD4 | ± 15 psi/0.001 | ± 103 kPa/0.01 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | Dry | 316 SS | 3x |
| FLUKE-700PD5 | -15/30 psi/0.001 | -100/207 kPa/0.01 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700PD6 | -15/100 psi/0.01 | -100/690 kPa/0.07 | 0.025 | 0.010 | 0.015 | 0.050 | 316 SS | N/A | 316 SS | 3x |
| FLUKE-700PD7 | -15/200 psi/0.01 | -100/1380 kPa/0.1 | 0.040 | 0.015 | 0.015 | 0.070 | 316 SS | N/A | 316 SS | 3x |
| High | | | | | | | | | | |
| FLUKE-700P29 | 3000 psi/0.1 | 20.7 M Pa/0.001 | 0.050 | 0.010 | 0.020 | 0.080 | C276 | N/A | C276 | 2x |
| FLUKE-700P30 | 5000 psi/0.1 | 34 M Pa/0.001 | 0.050 | 0.010 | 0.020 | 0.080 | C276 | N/A | C276 | 2x |
| FLUKE-700P31 | 10000 psi/1 | 69 M Pa/0.007 | 0.050 | 0.010 | 0.020 | 0.080 | C276 | N/A | C276 | 1.5x |

¹ Total uncertainty, one year for temperature range 0°C to +50°C. Total uncertainty, 1.0% of full span for temperature range -10°C to 0°C. For P00 module only, compensated temperature range is 15° to 35° C.

² "Dry" indicates dry air or non-corrosive gas as compatible media. "316 SS" indicates media compatible with Type 316 Stainless Steel. "C276" indicates media compatible with Hastelloy C276.

Use of pressure zero is required prior to measurement or source. Maximum overpressure specification includes common mode pressure. Modules are C rated. Metric adapter(s): 1/4" NPT female to male BSP/ISO 1/4-19, tapered thread, included with all modules except P29, P30, and P31. Effective October 1996, all modules include a NIST traceable certificate and test data.