

Fluke Process Tools Accessories

Technical Data

Pressure pumps

700PTP-1 Pneumatic Test Pump

Description: The Fluke 700PTP-1 pneumatic test pump is capable of supplying pressures up to 600 psi, 40 bar.

Application: For use with 750P series pressure modules or test gauges. Can directly connect modules or test gauges to the reference port consolidating two separate pieces when performing pressure calibration and testing. Can also be used with 717 pressure calibrators. Ideal for calibrating pressure transmitters, pressure switches and pressure gauges up to 600 PSI/40 bar.

Features:

- Pump can be easily cleaned without disassembly.
- The vernier can be used as a stand-alone low pressure calibration source
- The Fluke 700PTP-1 has two pressure ports allowing simultaneous connection:
 - 1/4 in NPT female fitting on top for the reference gauge or pressure module
 - 1/8 in NPT female fitting on the side for the unit under test
- Adjustable stroke length can be set to limit the pressure per stroke

Included:

- 1/4 in NPT male to 1/4 in BSP female
- 1 meter of hose
- (2) 1/8 in NPT male quick connects
- 1/8 NPT female to 1/4 in BSP female
- Seal Kit
- Instruction sheet

Size: Length 8.7 in (220 mm), width 4.8 in (122 mm), depth 3.5 in (89 mm)

Weight: 1.03 lb (467 g)

Warranty: One year

Material: Wetted materials: aluminum, silicon, neoprene, stainless steel, Buna-N

Fluke 700HTP-2 Hydraulic Test Pump

Description: The Fluke 700HTP-2 is a hand operated hydraulic pressure pump designed to generate calibration pressures up to 10,000 psi/690 bar. Designed for use with Fluke-750P series high pressure modules such as the Fluke-750P09, 750P29, 750P30 and 750P31.

Application: Ideal for calibration when connected to a Fluke high pressure module via the reference port. The 700HTP-2 uses distilled water or mineral-based hydraulic oil as a source for calibration of high pressure input devices such as pressure transmitters or pressure gauges. Can also be used with Fluke 717 pressure calibrators.



Fluke 700PTP-1



Fluke 700HTP-2

Pressure pumps

Fluke 700HTP-2 Hydraulic Test Pump (continued)

Features:

- Variable size stroke adjustment, allows the user to vary the volume and pressure per stroke
- Integral pressure adjustment vernier knob for fine pressure adjustment.
- Direct connection to pressure modules consolidates two separate pieces into one when performing pressure calibration and testing
- Two 1/4 in NPT pressure ports, one for reference (pressure module or gauge), one for UUT
- Compatible with optional Fluke-700PRV-1 pressure relief valve designed to protect pressure modules from overpressure damage

Note: The user must provide a hose with appropriate end fittings to apply pressure from the UUT port to the calibration unit under test such as the Fluke-700HTH-1 hose kit.

Included:

- 1/4 in NPT to 1/4 in NPT adapter to connect the reference gauge port on the pump body to the 1/4 NPT female fitting on Fluke 750P29, P30, and P31 pressure modules.
- (2) 1/4 in NPT male to 1/4 in BSP Female adapters
- 1/4 in NPT Tee (installed)
- Instruction sheet

Size: Length 9.5 in (241 mm), width 6.1 in (155 mm), depth 2.6 in (66 mm)

Weight: 1.29 lb (.58 kg)

Warranty: One year

Material: Wetted materials: 303 stainless steel, aluminum, polyurethane, PTFE, nitrile, and nylon

Fluke-700PTPK2 Premium Pneumatic Test Pump Kit

- Combine with any Fluke-700G Series Gauge, 1,000 psi (69 bar) or less, to

make a complete pressure testing kit

- Generate pressure up to 600 psi, 40 bar with the 700PTP-1 test pump
- Connect the 700G Series gauge directly to the included PTP-1 hand pump with premium no tools required adapter
- Includes 700TTH 5K premium no tools required transmitter test hose kit and adapters for connecting to the pressure device to be tested
- Hard case protects pump and gauge and allows gauge to remain connected to the pump

700TTH 5K Premium Transmitter Test hose Kit

- 5,000 psi rating test hose and adapters
- Included 1/8 in NPT connection for permanent mount to a calibrator or test pump
- No tools required 1/4 in NPT male connector for easy connection to a transmitter

700M20TH Premium Transmitter Test Hose Kit

- 5,000 psi rating
- Includes 1/8 in NPT connection for permanent mount to a calibrator or test pump
- No Tools Required Male connector for easy connection to Female M20 connections

Fluke-700HTPK2 Premium Hydraulic Test Pump Kit

- Combine with any Fluke-700G Series Gauge, 1,000 psi (69 bar) range or greater, to make a complete pressure testing kit
- Generate pressure up to 10,000 psi, 690 bar with the included 700HTP-2 test pump
- Connect the 700G Series gauge directly to the HTP-2 hand pump with premium no tools required adapter
- Includes 700TTH 10K premium no tools required transmitter

test hose kit and adapters for connecting to the pressure device to be tested

- Hard case protects pump and gauge and allows gauge to remain connected to the pump

700TTH 10K Premium Transmitter Test Hose Kit

- 10,000 psi rating test hose and adapters
- Included 1/8 in and 1/4 in NPT connection for permanent mount to a calibrator or test pump
- No tools required 1/4 in NPT male connector for easy connection to a transmitter

700MTH Premium Transmitter Test Hose Kit

- 5,000 psi rating
- Includes 1/8 in NPT connection for permanent mount to a calibrator or test pump
- No Tools Required Male connector for easy connection to 1/4 in female metric/BSP

Fluke 700PRV-1 Pressure Relief Valve Kit

Description: The Fluke 700PRV-1 consists of a relief valve settable from 725 to 5800 PSI (50 to 200 bar) to be used with the 700HTP-2 Hydraulic Test Pump. The 1/8 in NPT male thread to fits directly into the Fluke 700HTP-2 pressure pump.

50 pressure modules

Fluke offers a family of 50 Pressure Modules to address gage, differential, absolute, vacuum, and dual (compound) applications to 10,000 psi/700 bar.

For detailed specifications visit www.fluke.com/750P