

TECHNICAL DATA

Fluke 700HTP-2 Hydraulic Test Pump



Key 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
- Directly connection to pressure modules consolidates two separate pieces into one when performing pressure calibration and testing
- Two ¼ inch NPT pressure ports, one for reference (pressure module or gauge), one for UUT
- Compatible with optional Fluke-700PRV pressure relief valve designed to protect pressure modules from overpressure damage
- Improved priming
- Improved stroke limiting mechanism

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.

Product overview: Fluke 700HTP-2 Hydraulic Test Pump

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-700 series high pressure modules such as the Fluke-700P09, 700P29, 700P30 and 700P31.

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.



Specifications: Fluke 700HTP-2 Hydraulic Test Pump

Mechanical and General Specifications	
Size (L x W x D)	9.5 x 6.1 x 2.6 in (241 x 155 x 66 mm)
Weight	1.29 lb (.58 kg)
Warranty	One year
Material	Wetted materials: 303 stainless steel, aluminum, polyurethane, PTFE, nitrile, and nylon

Ordering information



Fluke 700HTP 2

Hydraulic Test Pump

-
- ¼ inch NPT to ¼ inch NPT adapter to connect the reference gauge port on the pump body to the 1/4 NPT female fitting on Fluke 700P29, P30, and P31 pressure modules.
 - (2) ¼ inch NPT male to ¼ inch BSP Female adapters
 - ¼ inch NPT Tee (installed)
 - Instruction sheet
-

Fluke. *Keeping your world up and running.*®

Fluke Europe B.V.

P.O. Box 1186
5602 BD Eindhoven
The Netherlands
www.fluke.com/en

©2024 Fluke Corporation. All rights reserved.
Data subject to alteration without notice.
07/2024

For more information call:

In Middle East/Africa
+31 (0)40 267 5100

**Modification of this document is not permitted
without written permission from Fluke Corporation.**