

Part No.

XTHP-10KPSIG-FL

10kpsi / 70 MPa Hydraulic hand pump, 3 ft hose, 10,000 psi FieldLab

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Included Items

- Hand Pump - XTHP 10,000 psi / 70 MPa Hydraulic Pump (XTHP)
- Pressure Reference - FieldLab Pressure, 10,000 psi / 700 bar / 70 MPa, female Quick-test XT bottom connection (FLP1-GV-XF)
- Process Connection - 1/4" male NPT x male Quick-test XT Adapter, S.S. (XTHA-2MS0)
- Hose - Quick-test XT 10,000 psi hose, S.S. hose ends, 3ft long (XTXT-HOS-3ft)

Specs/Attributes

Country of origin	USA
Weight	3.38 lbs / 1.53 kg
Dimensions	H: 5.7 in (14.48 cm) x W: 7.5 in (19.05 cm) x D: 10.6 in (26.92 cm)

Hand Pump XTHP

Materials	Anodized Aluminum, Stainless Steel, Delrin, Polysulfone
Max Pressure	10000 PSI / 690 bar / 69 MPa
Media Compatibility	Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Mineral Oil, Petroleum Based Oil, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil
Seal Materials	Teflon, Viton
Outlet Port	Male Quick-test XT, Male Quick-test XT with cap and chain
Pressure Media	Liquid
Fine Adjustment Resolution	0.01 PSI / 0.07 mbar / 0.07 kPa
Max Temperature	140 °F / 60 °C
Country of origin	USA
Min Temperature	-15 °F / -26 °C
Weight	3.12 lbs / 1.41 kg
Dimensions	H: 5.7 in (14.48 cm) x W: 7.5 in (19.05 cm) x D: 10.6 in (26.92 cm)

Pressure Reference FLP1-GV-XF

Burst Pressure	40000 PSI / 2760 bar / 275 MPa
Certifications	Certified to CSA Standard C22.2 No. 61010-1, Conforms to UL / IEC / EN / AS Standard No. 61010-1, North America - Class 1 Division 1 Groups A-D, T4, (-10 < Ta < 50 °C), ATEX - Ex II 1 G Ex ia IIC T4 Ga (-10 < Ta < 50 °C), IECEx - Ex ia IIC T4 Ga (-10 < Ta < 50 °C), UN/DOT 38.3 (Lithium Batteries), Complies with Pressure Equipment Directive 2014/68/EU, Complies with Low Voltage Directive 2014/35/EU, Complies with Electromagnetic Compatibility Directive 2014/30/EU
Country of origin	USA
Datalogging	2 million points
Ingress Protection	IP67 (1 meter water submersion for 30 minutes)
LCD Display	3.5 in / 90mm Color TFT LCD Display
Materials	316 Stainless Steel, Reinforced Polyamide
Max Pressure	10000 PSI / 690 bar / 69 MPa
Max Storage Temperature	165 °F / 75 °C
Max Temperature	120 °F / 50 °C
Measurement Type	Gauge Pressure
Measurement Uncertainty	+/- 0.02% of Full Scale (0-20% of Full Scale), +/- 0.1% of Reading (20-100% of Full Scale), +/- 0.25% of Full Scale (Vacuum)
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Storage Temperature	-20 °F / -29 °C
Min Temperature	14 °F / -10 °C
Mounting Holes	3 x M5 Inserts (10 mm deep)
Outlet Port	Female Quick-test XT
Power Input	90-264 VAC, 50-60 Hz, 12 VDC, 5 Amps
Relative Humidity	0% to 90% (-10 to 35 °C) , 0% to 70% (35 to 50 °C)
Seal Materials	Teflon, Viton

Pressure Reference FLP1-GV-XF

Sensor Type	High Precision MEMS
USB Connection	USB (Type B)
Wetted Materials	316 Stainless Steel
Weight	2.56 lbs / 1.16 kg
Dimensions	H: 7.5 in (19.05 cm) x W: 5 in (12.7 cm) x D: 2.5 in (6.35 cm)

Process Connection XTHA-2MS0

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
Max Pressure	10000 PSI / 690 bar / 69 MPa
Max Temperature	225 °F / 105 °C
Min Temperature	0 °F / -18 °C
Seal Materials	Teflon, Viton
Wrench Size	5/8 In 16 mm
Dimensions	H: 1.29 in (3.28 cm) x W: 0.63 in (1.6 cm)

Hose XTXT-HOS-3ft

Burst Pressure	40000 PSI / 2760 bar / 275 MPa
Color	Blue
Country of origin	USA
Fluid Media	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 cm
Materials	Stainless Steel
Max Pressure	10000 PSI / 690 bar / 69 MPa
Max Temperature	140 °F / 60 °C
Min Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.24 In / 7.00 mm
Type	XT