

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 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
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Hand Pump XTHP

Max Pressure	10000 PSI / 700 bar / 70 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
Burst Pressure	40000 PSI / 2760 bar / 275 MPa
Reservoir Volume	4.2 fl. oz
Fine Adjustment Resolution	0.01 PSI / 0.07 mbar / 0.00 kPa
Max Operating Temperature	140 °F / 60 °C
Harmonized Code	8413.20.0000
Country of origin	USA
Min Operating 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

Accuracy - Pressure Measurement	+/- 0.02% of Full Scale (0-20% of Full Scale), +/- 0.1% of Reading (20-100% of Full Scale)
Battery Count	1
Battery Life	1000 Hours
Battery Type	Lithium Ion rechargeable, 4.8 Ah Capacity
Burst Pressure	40000 PSI / 2760 bar / 275 MPa
Calibration Certificate	NIST traceable (included)
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 Adapters	North America, Europe, United Kingdom, Australia, China
Country of origin	USA
Datalogging	2 million points (onboard)
Engineering Units	atm, bar, cmH2O @4°C, inH2O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm^2, mmHg @0°C, Torr, ftH2O @39°F, cmHg @ 0°C, oz / in^2
Harmonized Code	9026.20.0000
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 Operating Temperature	120 °F / 50 °C
Max Pressure	10000 PSI / 700 bar / 70 MPa

Pressure Reference FLP1-GV-XF

Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	14 °F / -10 °C
Min Storage Temperature	-20 °F / -29 °C
Mounting Holes	3 x M5 Inserts (10 mm deep)
Operating Altitude (max)	10,000 ft (3050 m)
Outlet Port	Female Quick-test XT
Power Input	90-264 VAC, 50-60 Hz
Primary Power	Battery Power
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Relative Humidity	0% to 90% (-10 to 35°C) , 0% to 70% (35 to 50°C)
Seal Materials	Teflon, Viton
Sensor Type	High Precision MEMS
Temperature Compensation	14 to 122°F (-10 to 50°C)
USB Connection	USB (Type B)
Wetted Materials	316 Stainless Steel
Connector End 1	Female Quick-test XT
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-2MSO

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
Max Operating Temperature	225 °F / 105 °C
Max Pressure	10000 PSI / 700 bar / 70 MPa
Min Operating Temperature	0 °F / -18 °C
Seal Materials	Teflon, Viton
Wrench Size	5/8 In 16 mm
Connector End 1	1/4" Male NPT (ASME B1.20.1)
Connector End 2	Male Quick-test XT
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
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Hose XTXT-HOS-3ft

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	Reinforced Polyamide, Stainless Steel
Max Operating Temperature	140 °F / 60 °C
Max Pressure	10000 PSI / 700 bar / 70 MPa
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.24 In / 7.00 mm
Type	XT