

Part No.

# XTHP-KIT1-GV

*XTHP hydraulic pump, 10,000 psi/70 Mpa digital gauge, 3ft hose, 1/4" MNPT adapter, zippered bag*

Calibration kit with pump and digital pressure gauge



XTHP-KIT1-GV

## Included Items

- Hand Pump - XTHP Hydraulic Pump (XTHP)
- Pressure Reference - LC10 pressure gauge, 10,000 psi / 700 bar / 70 MPa, 1/4" Male NPT bottom connection (LC10-GV2M)
- Reference Connection - 1/4" female NPT x female Quick-test XT, stainless steel (XTHA-2FSA)
- 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)
- Case - QTHP, XTHP Hand Pump Carrying Case (QTHP-0275)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)

## Hand Pump XTHP

Materials	Anodized Aluminum, Stainless Steel, Delrin, Polysulfone
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

## Hand Pump XTHP

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 LC10-GV2M

Accuracy - Pressure Measurement	+/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25)
Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	40000 PSI / 2760 bar / 275 MPa
Calibration Certificate	Not included
Certifications	Certified to CSA Standard C22.2 No. 61010-1, Conforms to UL / IEC / EN / AS Standard No. 61010-1, 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	PC based (via USB)
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, kPa, MPa, psi, inHg @39°F, kgf / cm <sup>2</sup> , Torr, ftH <sub>2</sub> O @39°F, cmHg @ 0°C
Harmonized Code	9026.20.0000
Ingress Protection	IP67 (1 meter water submersion for 30 minutes)
LCD Display	2.4 in / 61 mm segmented LCD Display
Materials	ABS / Polycarbonate Blend, Powder Coated Aluminum
Max Operating Temperature	120 °F / 50 °C
Max Pressure	10000 PSI / 700 bar / 70 MPa
Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure
Media Compatibility	Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Inert Gas, Mineral Oil, Natural Gas, Petroleum Based Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil, Water
Min Operating Temperature	-4 °F / -20 °C
Min Storage Temperature	-40 °F / -40 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	No
Primary Power	Battery Power

## Pressure Reference LC10-GV2M

Process Connection	1/4" Male NPT
Process Connection Location	Bottom mount
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)
Sensor Type	High Precision MEMS, Pressure Sensor
Temperature Compensation	None
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Wrench Size	7/8 In 23 mm
Weight	12.6 oz / 355 grams
Dimensions	H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 3.1 in (7.87 cm)

## Reference Connection XTHA-2FSA

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
Wrench Size	3/4 In 19 mm
Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Female Quick-test XT
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm)

## Process Connection XTHA-2MS0

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

## Process Connection XTHA-2MS0

Dimensions	H: 1.29 in (3.28 cm) x W: 0.63 in (1.6 cm)
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## 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	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

## Case QTHP-0275

Impact Resistance	MIL-STD-3010C
Ingress Protection	IP67 (1 meter water submersion for 30 minutes), MIL-STD-810F
Materials	ABS Plastic, Polyethylene foam
Weight	8.00 lbs / 3.63 kg
Dimensions	H: 14.9 in (37.85 cm) x W: 12.1 in (30.73 cm) x D: 9.6 in (24.38 cm)

## Bag SM-0084

Materials	Zippered Nylon
Country of origin	USA
Weight	3 oz / 85 grams
Dimensions	H: 6 in (15.24 cm) x W: 1 in (2.54 cm) x D: 7 in (17.78 cm)