

Part No.

XTHP-KIT3-GV-B1

XTHP hydraulic pump, 10,000 psi LC20 gauge with Bluetooth, 3ft hose, 1/4" MNPT adapter, case, zippered bag

Calibration kit with pump and LC20 pressure gauge



XTHP-KIT3-GV-B1

Included Items

- Hand Pump - XTHP Hydraulic Pump (XTHP)
- Pressure Reference - LC20 pressure gauge, 10,000 psi / 700 bar / 70 MPa, 1/4" Male NPT bottom conn., Bluetooth radio (LC20-GV2M-00-B1)
- Hose - Quick-test XT 10,000 psi hose, S.S. hose ends, 3ft long (XTXT-HOS-3ft)
- 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)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)
- Case - QTHP, XTHP Hydraulic Pump Case (QTHP-0275)
- Bottle - Bottle with flip top for Hydraulic pump fluid, empty (QTHP-BOTL)

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

| | |
|----------------------------|---|
| Fine Adjustment Resolution | 0.01 psi / 70 Pa |
| Materials | Anodized Aluminum, Stainless Steel, Delrin, Polysulfone |

Hand Pump XTHP

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|---------------------------|---|
| 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, Water |
| Seal Materials | Teflon, Viton |
| Outlet Port | Male Quick-test XT, Male Quick-test XT with cap and chain |
| Burst Pressure | 40000 PSI / 2760 bar / 275 MPa |
| Reservoir Volume | 4.2 fl. oz |
| 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 LC20-GV2M-00-B1

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|---------------------------|--|
| Battery Count | 2 |
| Battery Life | 1000 Hours |
| Battery Type | AA Alkaline (IEC-LR6) |
| Bluetooth Radio Installed | Yes |
| Calibration Certificate | ISO 17025:2017 Accredited |
| Certifications | Certified to CSA Standard C22.2 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 |
| Contains Wireless Module | Yes |
| Country of origin | USA |
| Data Logging | 870 Readings (onboard) |
| Electrical Rating | 50 mA @ 5 VDC |
| 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 |
| Min Operating Temperature | -4 °F / -20 °C |
| Panel Mount | No |
| Primary Power | Battery Power |

Pressure Reference LC20-GV2M-00-B1

| | |
|-----------------------------|---|
| Process Connection Location | Bottom mount |
| Protection Class | Pollution Degree 2 (UL / IEC 61010-1) |
| Radio Approvals | FCC ID 2AA9B04, IC ID 12208A-04, Japan ID 210-107153, Korea - Clause 3, Article 58-2 of Radio Waves Act |
| Radio Type | Bluetooth 5 LE |
| Temperature Compensation | None |
| USB Connection | USB (Micro B) |
| Wetted Materials | 316 Stainless Steel |
| Wireless | Bluetooth |
| Wireless Range | 330 ft / 100 m |
| Connector End 1 | 1/4" Male NPT (ASME B1.20.1) |
| Weight | 12.6 oz / 355 grams |
| Dimensions | H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 4.1 in (10.41 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 | 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 |
| Weight | 2.94 oz / 83 grams |

Reference Connection XTHA-2FSA

| | |
|---------------------------|-----------------|
| Country of origin | USA |
| Has Check Valve | No |
| Materials | Stainless Steel |
| Max Operating Temperature | 225 °F / 105 °C |

Reference Connection XTHA-2FSA

| | |
|---------------------------|--|
| 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 |
| Weight | 1.95 oz / 55 grams |
| Dimensions | H: 1.54 in (3.91 cm) x W: 0.86 in (2.18 cm) x D: 0.86 in (2.18 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 |
| Weight | 1.23 oz / 35 grams |
| Dimensions | H: 1.43 in (3.63 cm) x W: 0.7 in (1.78 cm) x D: 0.7 in (1.78 cm) |

Bag SM-0084

| | |
|-------------------|---|
| Materials | Zippered Nylon |
| Country of origin | USA |
| Weight | 3 oz / 85 grams |
| Dimensions | H: 6.5 in (16.51 cm) x W: 6.5 in (16.51 cm) x D: 0.5 in (1.27 cm) |

Case QTHP-0275

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|--------------------|--|
| Country of origin | USA |
| 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) |

Bottle QTHP-BOTL

| | |
|-------------------|---|
| Materials | Nylon |
| Country of origin | USA |
| Weight | 1.26 oz / 36 grams |
| Dimensions | H: 7.25 in (18.42 cm) x W: 2.32 in (5.89 cm) x D: 2.32 in (5.89 cm) |