Part No.

QTHP-KIT1-GT

QTHP hydraulic pump, 5000 psi/35 Mpa digital gauge, 3ft hose, 1/4" MNPT adapter, zippered bag

Calibration kit with pump and digital pressure gauge

QTHP-KIT1-GT

Included Items

- Hand Pump - QTHP Hydraulic Hand Pump (QTHP)
- Pressure Reference - LC10 pressure gauge, 5000 psi / 350 bar / 35 MPa, 1/4" Male NPT bottom connection (LC10-GT2M)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Hose - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)
- Case - QTHP, XTHP Hydraulic Pump Case (QTHP-0275)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)
- Bottle - Bottle with flip top for Hydraulic pump fluid, empty (QTHP-BOTL)

Specs/Attributes

Country of origin	USA
Weight	3.25 lbs / 1.47 kg
Dimensions	H: 5.7 in (14.48 cm) x W: 6 in (15.24 cm) x D: 8.6 in (21.84 cm)

Hand Pump QTHP

Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Country of origin	USA
Fine Adjustment Resolution	0.01 psi / 70 Pa

Ralston

Hand Pump QTHP

Harmonized Code	8413.20.0000
Materials	Anodized Aluminum, Brass, Stainless Steel, Polysulfone
Max Operating Temperature	140 °F / 60 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Media Compatibility	Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Light motor oil, Mineral Oil, Petroleum Based Oil, Ralston Calibration Oil, Transmission fluid, Water, Windshield washer fluid
Min Operating Temperature	-29 °F / -34 °C
Outlet Port	Male Quick-test, Male Quick-test
Piston Displacement	0.017 Cu In
Pressure Media	Liquid
Reservoir Volume	4.2 fl. oz
Seal Materials	Buna-N, Teflon
Weight	2.93 lbs / 1.33 kg
Dimensions	H: 5.7 in (14.48 cm) x W: 6 in (15.24 cm) x D: 10.6 in (26.92 cm)

Pressure Reference LC10-GT2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
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
Data Logging	PC based (via USB)
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
Measurement Type	Gauge Pressure
Min Operating Temperature	-4 °F / -20 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	No
Primary Power	Battery Power

Ralston

Pressure Reference LC10-GT2M

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
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: 4.1 in (10.41 cm)

Reference Connection QTHA-2FBA

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Wrench Size	3/4 In 19 mm
Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Weight	2.05 oz / 58 grams
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm) x D: 0.75 in (1.91 cm)

Process Connection QTHA-2MB0

Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Country of origin	USA
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Min Operating Temperature	0 °F / -18 °C
Seal Materials	Buna-N

Ralston

Process Connection QTHA-2MB0

Wrench Size	9/16 In 15 mm
Connector End 1	1/4" Male NPT (ASME B1.20.1)
Connector End 2	Male Quick-test
Weight	1.09 oz / 31 grams
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm) x D: 0.56 in (1.42 cm)

Hose QTQT-HOS-3ft

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA
Fluid Media	Air,Inert Gas,Natural Gas,Petroleum Based Oil,Water
Hose Length	3ft / 0.91 m
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 cm
Materials	Brass
Max Operating Temperature	140 °F / 60 °C
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	-30.00 InHg / -101.6 kPa
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	0.20 In / 6.00 mm
Type	QT
Weight	2.68 oz / 76 grams

Case QTHP-0275

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)

Bag SM-0084

Materials	Zippered Nylon
Country of origin	USA
Weight	3 oz / 85 grams

Ralston

Bag SM-0084

Dimensions	H: 6.5 in (16.51 cm) x W: 6.5 in (16.51 cm) x D: 0.5 in (1.27 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)