

Part No.

QTHP-5KPSIG-D

5kpsi / 35 MPa Hydraulic hand pump, 5,000 psi digital pressure gauge

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QTHP-5KPSIG-D

Included Items

- Hand Pump - QTHP 5000 psi / 35 MPa Hydraulic 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)

Specs/Attributes

Pressure Reference	Digital pressure gauge, 5000 PSIG Pressure
Hose 1	Quick-test Hose, Stainless Steel ends, 3ft / 0.9m long
Reference Connection	1/4" Female NPT
Country of origin	USA

Specs/Attributes

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

Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Pressure Media	Liquid
Materials	Anodized Aluminum, Brass, Stainless Steel, Polysulfone
Max Pressure	5000 PSI / 345 bar / 35 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	Buna-N, Teflon
Fine Adjustment Resolution	0.01 PSI / 0.07 mbar / 0.07 kPa
Min Temperature	-29 °F / -34 °C
Country of origin	USA
Max Temperature	140 °F / 60 °C
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 (LR6)
Burst Pressure	20000 PSI / 1380 bar / 140 MPa
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
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, kPa, MPa, psi, inHg @39°F, kgf / cm ² , ftH ₂ O @39°F, cmHg @ 0°C, oz / sqin
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 Pressure	5000 PSI / 345 bar / 35 MPa
Max Storage Temperature	165 °F / 75 °C
Max Temperature	120 °F / 50 °C
Measurement Type	Gauge Pressure
Measurement Uncertainty	+/- 0.25% of Full Scale (ASME Grade 3A/ISO Class 0.25)
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

Pressure Reference LC10-GT2M

Min Storage Temperature	-40 °F / -40 °C
Min Temperature	-4 °F / -20 °C
Operating Altitude (max)	10,000 ft (3050 m)
Process Connection	1/4" Male NPT
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)
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Wrench Size	23 mm 7/8 In
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 Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 InHg / 0.0 kPa
Wrench Size	3/4 In 19 mm
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm)

Process Connection QTHA-2MB0

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 InHg / 0.0 kPa
Min Temperature	0 °F / -18 °C
Seal Materials	Buna-N
Wrench Size	9/16 In 15 mm
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

Hose QTQT-HOS-3ft

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA

Hose QTQT-HOS-3ft

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	Brass
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Temperature	140 °F / 60 °C
Max Vacuum	0.00 InHg / 0.0 kPa
Min Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT