

Part No.

DCAP-KIT3-GP

DCAP pneumatic pump, 1000 psi/7 MPa digital gauge, case, 3ft hose, 1/4" MNPT adapter, zippered bag

Calibration kit with pump and digital pressure gauge



DCAP-KIT3-GP

Included Items

- Hand Pump - DCAP Pneumatic Hand Pump (DCAP)
- Pressure Reference - LC10 pressure gauge, 1000 psi / 70 bar / 7 MPa, 1/4" Male NPT bottom connection (LC10-GP2M)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, S.S. (QTHA-2FSA)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, S.S. (QTHA-2MS0)
- Hose - Quick-test 6900 psi hose, S.S. hose ends, 3 ft (92 cm) long (QSQS-HOS-3ft)
- Case - DCAP or DCAP-PV carrying case (DCAP-CASE)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)

Hand Pump DCAP

Pressure Media	Air
Fine Adjustment Resolution	0.00 PSI / 0.01 mbar / 0.00 kPa
Media Compatibility	Air, Inert Gas, Natural Gas
Burst Pressure	2600 PSI / 180 bar / 18 MPa
Fluid Media	Air
Materials	Anodized Aluminum, Brass, Stainless Steel
Max Pressure	650 PSI / 45 bar / 4.50 MPa
Max Operating Temperature	140 °F / 60 °C
Country of origin	USA
Min Operating Temperature	0 °F / -18 °C

Hand Pump DCAP

Seal Materials	Buna-N, Delrin
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Weight	1.75 lbs / 795 grams
Dimensions	H: 5 in (12.7 cm) x W: 3 in (7.62 cm) x D: 10.5 in (26.67 cm)

Pressure Reference LC10-GP2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	4000 PSI / 275 bar / 28 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
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, cmH ₂ O @4°C, inH ₂ O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm ² , mmHg @0°C, Torr, 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 Operating Temperature	120 °F / 50 °C
Max Pressure	1000 PSI / 70 bar / 7.00 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)
Pressure Measurement Uncertainty	+/- 0.25% of Full Scale (ASME Grade 3A/ISO Class 0.25)
Process Connection	1/4" Male NPT (ASME B1.20.1)
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	Pressure Sensor
USB Connection	USB (Micro B)

Pressure Reference LC10-GP2M

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-2FSA

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
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
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm)

Process Connection QTHA-2MS0

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
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
Wrench Size	9/16 In 15 mm
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

Hose QSQS-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
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 cm
Materials	Stainless Steel
Max Operating Temperature	140 °F / 60 °C

Hose QSQS-HOS-3ft

Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
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

Bag SM-0084

Max Pressure	0.00 PSI / 0.00 mbar / 0.00 kPa
Max Vacuum	0.00 InHg / 0.0 kPa
Materials	Zippered Nylon
Country of origin	USA