

Part No.

DCAP-300PSIG-D

Ralston DCAP Pressure Test Pump with 300 psi Digital Gauge

650 psi pneumatic hand pump, 300 psi gauge
(0.25% full scale), 3ft hose, process connection



DCAP-300PSIG-D

Included Items

- Hand Pump - DCAP Pneumatic Hand Pump (DCAP)
- Pressure Reference - LC10 pressure gauge, 300 psi / 20 bar / 2 MPa, 1/4" Male NPT bottom connection (LC10-GL2M)
- 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)

Specs/Attributes

Country of origin	USA
Fine Adjustment Resolution	0.00 PSI / 0.01 mbar / 0.01 kPa
Materials	Anodized Aluminum, Stainless Steel
Max Pressure	650 PSI / 45 bar / 4.50 MPa
Max Temperature	130 °F / 54 °C
Min Temperature	0 °F / -18 °C
Pressure Media	Air
Seal Materials	Buna-N, Delrin, Teflon
Hose 1	Quick-test Hose, Stainless Steel ends, 3ft / 0.9m long
Pressure Reference	Digital pressure gauge, 500 PSIG Pressure
Process Connection	1/4" Male NPT
Reference Connection	1/4" Female NPT
Weight	28 oz / 795 grams
Dimensions	H: 3.53 in (8.97 cm) x W: 6 in (15.24 cm) x D: 15 in (38.1 cm)

Hand Pump DCAP

Pressure Media	Air
Fine Adjustment Resolution	0.00 PSI / 0.01 mbar / 0.01 kPa
Media Compatibility	Air, Inert Gas, Natural Gas
Fluid Media	Air
Materials	Anodized Aluminum, Brass, Stainless Steel
Max Pressure	650 PSI / 45 bar / 4.50 MPa
Max Temperature	140 °F / 60 °C
Country of origin	USA
Min Temperature	0 °F / -18 °C
Seal Materials	Buna-N, Delrin
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Weight	28 oz / 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-GL2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (LR6)
Burst Pressure	1200 PSI / 83 bar / 8.30 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

Pressure Reference LC10-GL2M

Engineering Units	atm, bar, cmH2O @4°C, inH2O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm ² , mmHg @0°C, Torr, ftH2O @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	300 PSI / 21 bar / 2.10 MPa
Max Storage Temperature	165 °F / 75 °C
Max Temperature	120 °F / 50 °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 Storage Temperature	-40 °F / -40 °C
Min Temperature	-4 °F / -20 °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
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	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 Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
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

Process Connection QTHA-2MS0

Materials	Stainless Steel
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
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 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 Pressure	6900 PSI / 475 bar / 48 MPa
Max Temperature	140 °F / 60 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
Min Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT

