

Part No.

# DCAP-KIT5-GL

*DCAP pneumatic pump, 300 psi/2 MPa LC20 gauge, case, 3ft hose, 1/4" MNPT adapter, zippered bag*

Calibration kit with pump and digital pressure gauge



DCAP-KIT5-GL

## Included Items

- Hand Pump - DCAP Pneumatic Hand Pump (DCAP)
- Pressure Reference - LC20 pressure gauge, 300 psi / 2 MPa, 1/4" Male NPT bottom connection (LC20-GL2M-00-00)
- 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)

## Specs/Attributes

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Country of origin | USA                                                            |
| Weight            | 1.75 lbs / 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

|                     |                                           |
|---------------------|-------------------------------------------|
| Piston Displacement | .67 Cu In                                 |
| Media Compatibility | Air, Inert Gas, Natural Gas               |
| Burst Pressure      | 2600 PSI / 180 bar / 18 MPa               |
| Fluid Media         | Air                                       |
| Materials           | Anodized Aluminum, Brass, Stainless Steel |

## Hand Pump DCAP

|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| Max Pressure               | 650 PSI / 45 bar / 4.50 MPa                                   |
| Max Operating Temperature  | 140 °F / 60 °C                                                |
| Country of origin          | USA                                                           |
| Fine Adjustment Resolution | 0.001 psi / 7 Pa                                              |
| Min Operating Temperature  | 0 °F / -18 °C                                                 |
| Seal Materials             | Buna-N, Delrin                                                |
| Harmonized Code            | 8414.20.0000                                                  |
| 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 LC20-GL2M-00-00

|                             |                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Count               | 2                                                                                                                                                                                                                    |
| Battery Life                | 1000 Hours                                                                                                                                                                                                           |
| Battery Type                | AA Alkaline (IEC-LR6)                                                                                                                                                                                                |
| Bluetooth Radio Installed   | No                                                                                                                                                                                                                   |
| 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 |
| 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                                                                                                                                                                                                       |
| Min Operating Temperature   | -4 °F / -20 °C                                                                                                                                                                                                       |
| Panel Mount                 | No                                                                                                                                                                                                                   |
| Primary Power               | Battery Power                                                                                                                                                                                                        |
| Process Connection          | 1/4" Male NPT (ASME B1.20.1)                                                                                                                                                                                         |
| Process Connection Location | Bottom mount                                                                                                                                                                                                         |
| Protection Class            | Pollution Degree 2 (UL / IEC 61010-1)                                                                                                                                                                                |

## Pressure Reference LC20-GL2M-00-00

|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
| Temperature Compensation | None                                                              |
| USB Connection           | USB (Micro B)                                                     |
| W1 Radio Installed       | No                                                                |
| Wetted Materials         | 316 Stainless Steel                                               |
| Wireless                 | None                                                              |
| 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<br>19 mm                                                    |
| Connector End 1           | 1/4" Female NPT (ASME B1.20.1)                                     |
| Connector End 2           | Female Quick-test                                                  |
| Weight                    | 1.81 oz / 51 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-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<br>15 mm                                                   |
| Connector End 1           | 1/4" Male NPT (ASME B1.20.1)                                       |
| Connector End 2           | Male Quick-test                                                    |
| Weight                    | 1.01 oz / 29 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 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 |
| Hose Length               | 3ft / 0.91 m                                            |
| Inner Diameter            | 0.08 In / 3.00 mm                                       |
| Length                    | 3 ft / 92 cm                                            |
| Materials                 | Stainless Steel                                         |
| 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                    | 2.48 oz / 70 grams                                      |

## Case DCAP-CASE

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Impact Resistance  | MIL-STD-3010C                                                        |
| Ingress Protection | IP67 (1 meter water submersion for 30 minutes), MIL-STD-810F         |
| Materials          | ABS Plastic, Polyethylene foam                                       |
| Country of origin  | USA                                                                  |
| Weight             | 6.00 lbs / 2.72 kg                                                   |
| Dimensions         | H: 14.9 in (37.85 cm) x W: 12.1 in (30.73 cm) x D: 6.9 in (17.53 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) |