

Part No.

# NPAK-KIT3

*Nitropak, 1/4" FNPT, 1/8" MNPT, 1/4" MNPT gauge adapter, 2 hoses, 2 process connections*

Self contained nitrogen source includes all connections and hoses to connect directly to a pressure gauge or calibrator



NPAK-KIT3

## Included Items

- Pressure Source - Nitropak Portable Nitrogen Source (NPAK)
- Reference Connection - Kit containing 1/8" MNPT, 1/4" MNPT, 1/4" FNPT brass Quick-test adapters (QTHA-KIT42)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Hose 1 - Quick-test 6900 psi hose, brass hose ends, 6 ft (1.83 m) long (QTQT-HOS-6ft)
- Hose 2 - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)

## Specs/Attributes

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| Hose 1                    | Quick-test Hose, Brass ends, 6ft / 1.9m long                                                               |
| Hose 2                    | Quick-test Hose, Brass ends, 3ft / 0.9m long                                                               |
| Pressure Reference        | None                                                                                                       |
| Process Connection        | 1/4" Male NPT                                                                                              |
| Reference Connection      | 1/4" Female NPT                                                                                            |
| Country of origin         | USA                                                                                                        |
| Max Pressure              | 3000 PSI / 200 bar / 20 MPa                                                                                |
| Max Vacuum                | 10 InHg / 33.9 kPa                                                                                         |
| Materials                 | ABS Plastic, Aluminum, Anodized Aluminum, Brass, Plated Steel, Stainless Steel, Zippered Nylon with Velcro |
| Seal Materials            | Buna-N, Delrin, Teflon                                                                                     |
| Min Operating Temperature | 0 °F / -18 °C                                                                                              |
| Max Operating Temperature | 130 °F / 54 °C                                                                                             |

## Specs/Attributes

|            |                                                                      |
|------------|----------------------------------------------------------------------|
| Weight     | 29 lbs / 13 kg                                                       |
| Dimensions | H: 18.5 in (46.99 cm) x W: 14.6 in (37.08 cm) x D: 7.5 in (19.05 cm) |

## Pressure Source NPAK

|                            |                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------|
| Max Pressure               | 3000 PSI / 200 bar / 20 MPa                                                                        |
| Max Vacuum                 | 10 InHg / 33.9 kPa                                                                                 |
| Min Operating Temperature  | 0 °F / -18 °C                                                                                      |
| Max Operating Temperature  | 140 °F / 60 °C                                                                                     |
| Pressure Media             | Nitrogen, inert gas                                                                                |
| Fine Adjustment Resolution | 0.00 PSI / 0.00 mbar / 0.00 kPa                                                                    |
| Fill Vent Valves           | soft seated construction                                                                           |
| Mechanical Rotation        | 42 turns (pressure balanced)                                                                       |
| Cylinder Capacity          | 15.20 Cu Ft                                                                                        |
| Overpressure Relief        | 3300 PSI / 230 bar / 23 MPa                                                                        |
| Internal Connections       | 1/8 in tubing (316 stainless steel)                                                                |
| Harmonized Code            | 9032.81.0060                                                                                       |
| Country of origin          | USA                                                                                                |
| Materials                  | Anodized Aluminum, Brass, Powder Coated Steel, Stainless Steel, Zippered Nylon with Velcro, Delrin |
| Inlet Port                 | Male Quick-test with cap and chain                                                                 |
| Media Compatibility        | Air, Inert Gas, Natural Gas                                                                        |
| Outlet Port                | Male Quick-test with cap and chain                                                                 |
| Seal Materials             | Buna-N, Delrin, Teflon                                                                             |
| Weight                     | 29 lbs / 13 kg                                                                                     |
| Dimensions                 | H: 14.6 in (37.08 cm) x W: 18.5 in (46.99 cm) x D: 7.8 in (19.81 cm)                               |

## Reference Connection QTHA-KIT42

|                           |                             |
|---------------------------|-----------------------------|
| 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               | 9/16, 3/4 In<br>15, 19 mm   |

## Process Connection QTHA-2MB0

|                   |                                |
|-------------------|--------------------------------|
| Burst Pressure    | 20000 PSI / 1380 bar / 140 MPa |
| Country of origin | USA                            |
| Has Check Valve   | Yes                            |

## Process Connection QTHA-2MB0

|                           |                                             |
|---------------------------|---------------------------------------------|
| 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                                      |
| 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                             |
| Dimensions                | H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm) |

## Hose 1 QTQT-HOS-6ft

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| 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               | 6 ft / 1.83 m                                           |
| Inner Diameter            | 0.08 In / 3.00 mm                                       |
| Length                    | 6 ft / 2.00 m                                           |
| 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                                                      |

## Hose 2 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                                            |

**Hose 2** QTQT-HOS-3ft

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| 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                                                      |