

Part No.

NPAK-KIT2-GR

Nitropak, LC20 Pressure gauge (3000 psi), gauge adapter, 2 hoses, 2 process connections

Complete kit includes nitrogen source, pressure gauge and all fittings and adapters to perform differential and static pressure calibrations using nitrogen



NPAK-KIT2-GR

Included Items

- Pressure Source - Nitropak Portable Nitrogen Source (NPAK)
- Pressure Reference - LC20 pressure gauge, 3000 psi / 20 MPa, 1/4" Male NPT bottom connection (LC20-GR2M-00-00)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)
- Process Connection 1 - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Process Connection 2 - 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

| | |
|---------------------------|--|
| Country of origin | USA |
| Hose 1 | Quick-test Hose, Brass ends, 6ft / 1.9m long |
| Hose 2 | Quick-test Hose, Brass ends, 3ft / 0.9m long |
| Pressure Reference | Digital pressure gauge, 1000 PSIG Pressure |
| Process Connection | 1/4" Male NPT |
| Reference Connection | 1/4" Female NPT |
| Materials | ABS Plastic, Aluminum, Anodized Aluminum, Brass, Plated Steel, Stainless Steel, Zippered Nylon with Velcro |
| Seal Materials | Buna-N, Delrin, Teflon |
| Max Pressure | 3000 PSI / 200 bar / 20 MPa |
| Max Vacuum | 10 InHg / 33.9 kPa |
| Min Operating Temperature | 0 °F / -18 °C |

Specs/Attributes

| | |
|---------------------------|--|
| Max Operating Temperature | 130 °F / 54 °C |
| 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) |

Pressure Reference LC20-GR2M-00-00

| | |
|-------------------------|--|
| Battery Count | 2 |
| Battery Life | 1000 Hours |
| Battery Type | AA Alkaline (IEC-LR6) |
| Calibration Certificate | NIST traceable (included) |
| 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 |
| Datalogging | 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) |

Pressure Reference LC20-GR2M-00-00

| | |
|-----------------------------|---|
| LCD Display | 2.4 in / 61 mm segmented LCD Display |
| Materials | ABS / Polycarbonate Blend, Powder Coated Aluminum |
| Max Operating Temperature | 120 °F / 50 °C |
| Media Compatibility | Inert Gas, Natural Gas, Petroleum Based Oil, Water |
| 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) |
| Temperature Compensation | None |
| USB Connection | USB (Micro B) |
| W1 Radio Installed | No |
| Wetted Materials | 316 Stainless Steel |
| 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 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 |
| Connector End 1 | 1/4" Female NPT (ASME B1.20.1) |
| Connector End 2 | Female Quick-test |
| Dimensions | H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm) |

Process Connection 1 QTHA-2MB0

| | |
|---------------------------|--------------------------------|
| Burst Pressure | 20000 PSI / 1380 bar / 140 MPa |
| Country of origin | USA |
| Has Check Valve | Yes |
| Materials | Brass |
| Max Operating Temperature | 225 °F / 105 °C |
| Max Pressure | 5000 PSI / 350 bar / 35 MPa |

Process Connection 1 QTHA-2MB0

| | |
|---------------------------|---|
| 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 |
| 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) |

Process Connection 2 QTHA-2MB0

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

Hose 1 QTQT-HOS-6ft

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