Ralston Instruments

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Part No.

NPAK-1MBA-2m-1m

Nitropak, 1/8" male NPT gauge adapter, 2 meter and 1 meter hoses, 2 1/4" MNPT process connections

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

NPAK-1MBA-2m-1m

Included Items

- Pressure Source - Nitropak Portable Nitrogen Source (NPAK)
- Reference Connection - 1/8" male NPT x female Quick-test, no check-valve, brass (QTHA-1MBA)
- 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, 1 m (3.3 ft) long (QTQT-HOS-1m)
- Hose 2 - Quick-test 6900 psi hose, brass hose ends, 2 m (6.6 ft) long (QTQT-HOS-2m)

Specs/Attributes

Country of origin	USA
Hose 1	Quick-test Hose, Brass ends, 2m long
Hose 2	Quick-test Hose, Brass ends, 1m long
Process Connection	1/4" Male NPT
Reference Connection	1/8" Male NPT
Materials	ABS Plastic, 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
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
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 (compressed gas)	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
Cylinder Capacity (water)	122 Cu In
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-1MBA

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 In 15 mm
Connector End 1	1/8" Male NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Weight	1.36 oz / 39 grams
Dimensions	H: 1.55 in (3.94 cm) x W: 0.7 in (1.78 cm) x D: 0.7 in (1.78 cm)

Process Connection 1 QTHA-2MB0

Burst Pressure	20000 PSI / 1380 bar / 140 MPa

Process Connection 1 QTHA-2MB0

Country of origin	USA
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
Weight	1.09 oz / 31 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)

Process Connection 2 QTHA-2MB0

Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Country of origin	USA
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
Weight	1.09 oz / 31 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 1 QTQT-HOS-1m

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	1 m / 3.28 ft
Inner Diameter	0.08 In / 3.00 mm
Length	1.00 m / 3 ft 3 in
Materials	Brass

Hose 1 QTQT-HOS-1m

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	2.67 oz / 76 grams

Hose 2 QTQT-HOS-2m

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	2 m / 6.56 ft
Inner Diameter	0.08 In / 3.00 mm
Length	2.00 m / 6 ft 7 in
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
Weight	3.28 oz / 93 grams