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 Ralston  
Instruments



MADE IN THE USA

# NITROPAK CALIBRATION SYSTEM

Portable Nitrogen Pressure Test Kit

# PORTABLE COMPRESSED GAS CALIBRATION

When you need a high pressure nitrogen source for field testing off the beaten path, the portability and convenience of the NitroPak can't be beat.



## Differential and Static Pressure Calibration

Easily conduct both differential and static pressure calibration on instrumentation up to 3,000 PSI/ 210 bar using an external pressure calibrator

## Pressure Testing With Nitrogen

Fill the NitroPak at the shop and have enough compressed gas for a day's worth of tests (or more!)



## Field Work in Remote or Hazardous Locations

Use safely in any environment, from towers to areas far off road.



# THE ALL-IN-ONE PRESSURE CONTROL SOLUTION

Use an external gas source to fill the NitroPak's on-board, refillable nitrogen cylinder and you'll have enough gas for multiple tests, with intuitive features that give you fast, accurate control of pressure.

**Nylon bag** holding the included hose and fittings is conveniently attached to the inside of the lid

**All Inlet and outlet ports are Quick-test connections**, which require no tools or thread sealant to make a secure, leak-proof connections



**Storage compartment in the control panel** protects your pressure gauge



**The fill port with integrated check valve** lets you fill the unit from a larger cylinder quickly and easily

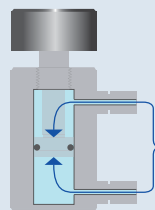
**Cylinder pressure gauges** show what the regulated pressure is and let you know how much pressure you have left

**Pressure regulator** allows you to reach an approximate pressure quickly so you don't overpressure a device under test

**Pressure-balanced piston** lets you fine tune pressure precisely

**High impact ABS plastic case** protects the instrumentation, and withstands dropping and damage

## A Closer Look



The NitroPak's large, proprietary **pressure-balanced piston** has equal force on the top and bottom of the piston, significantly reducing the amount of effort needed to make adjustments. This gives you very precise control of pressure - even at very low pressures.



**Bundle with a reference gauge or pressure reference for a complete solution.**

# NITROPAK SPECIFICATIONS

Max Pressure	3,000 PSI / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Max Operating Temperature	130°F / 54°C
Weight	29 lb / 13 kg
Fine Adjustment Resolution	0.0005 psi / 3.5 Pa
Materials	ABS plastic, Aluminum, Stainless steel
Connections	Quick-test
Approvals	US DOT, Transport Canada and PED (EU)



Find our more about the Ralston NitroPak here:



Ralston Instruments provides complete pressure calibration solutions for a wide range of applications, saving time and taking the guesswork out of critical pressure testing, maintenance and repair operations.



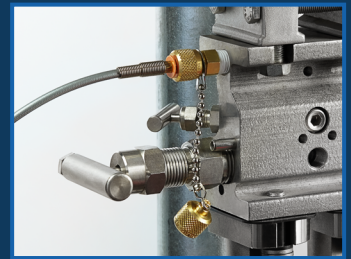
**Gauges & Calibration  
References**



**Hand Pumps**



**Gas Controllers**



**High Pressure Hoses &  
Quick-test Connections**