



Global Challenges, Innovative Solutions.

# model NBK-4



NITROGEN BACKPACK KIT P/N:410610

Equip your technicians with Cv International's lightweight wearable high pressure nitrogen delivery backpack. The NBK-4 is the latest and most efficient system for supplying, interfacing, and controlling high pressure nitrogen (up to 4500 psig). Be prepared for tough conditions; mud, sand or snow. If technicians can reach the equipment in need of servicing, they can reach it with controlled, pressurized nitrogen.



*Deployable Agility in Action: Mission-Ready Anywhere, Anytime.*

[www.cvintl.com](http://www.cvintl.com)

# AGILE. INNOVATIVE.

**Lightweight Portable Nitrogen Supply** - Our high pressure service kit consists of a metal enclosure, housing high pressure components. Externally the enclosure is equipped with a Shut-off/Bleed valve and QDC's for hose connections.

**Backpack Cylinder Assembly** - A lightweight aluminum vessel with carbon fiber wrap and epoxy coating, DOT approved and in service with many Cvi (MANCS) Mobile Air/Nitrogen Charging Systems. Fitted with high pressure shut-off valve, burst disc and pressure gauge. Valve is fitted with a male quick disconnect fitting for service attachment.

**Backpack Harness Assembly** - A premium lightweight harness assembly similar to that worn by SCUBA/Special Ops units. Has a padded back plate with heavily padded shoulder straps and a wide adjustable waist belt to affix the high and low pressure service kits.

**Transport Case Assembly** - The reusable Transport Case houses all components of the NBSS for storage, use and transport. It is made of high impact plastic and features heavy duty wheels and retractable carry handles. The case is MIL-STD-4150-J rated.



**NBK-4**

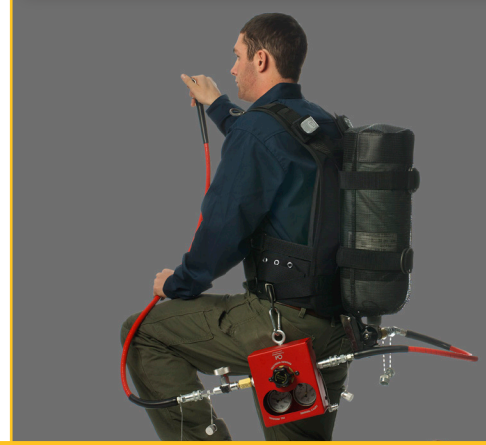
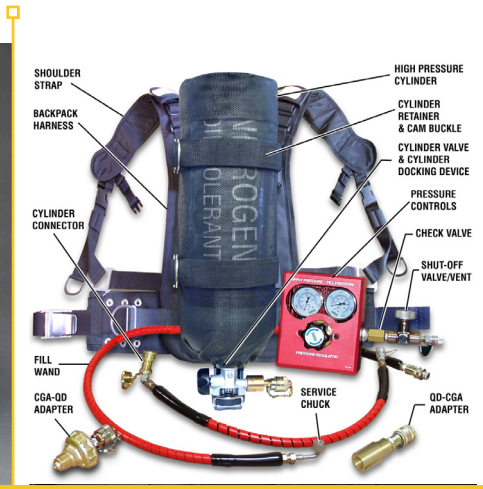
**SERVICE KITS**

**High Pressure Service Kit (HPSK)**

The high pressure service kit contains an aluminum enclosure housing a "Supply Pressure" gauge (0-5000 psig), a high pressure "Pressure Regulator" valve (0-5000 psig) and a "Fill Pressure" gauge (0-5000 psig) along with miscellaneous internal pneumatic components. The outlet side of the HPSK enclosure has a check valve and combination shut-off/bleed valve. Attached to the shut-off valve is a 48 inch long high pressure service hose that terminates with a high pressure service chuck for high pressure servicing.



**MODEL NBK-4**



- High Pressure Service:**
- 2 Gauge Control Box
  - 4' High Pressure Service Hose
  - 28" High Pressure Hose
  - High Pressure Service Chuck

- Backpack Cylinder Assembly:**
- Length: 25.5 in
  - Diameter: 6.9 in
  - Cylinder Pressure: 4,500 psig
  - Cylinder Capacity: 88 scf

**NBK-4**

Part Number: 410610