



NDSK-1

NITROGEN DEPLOYMENT SUSTAINMENT KIT

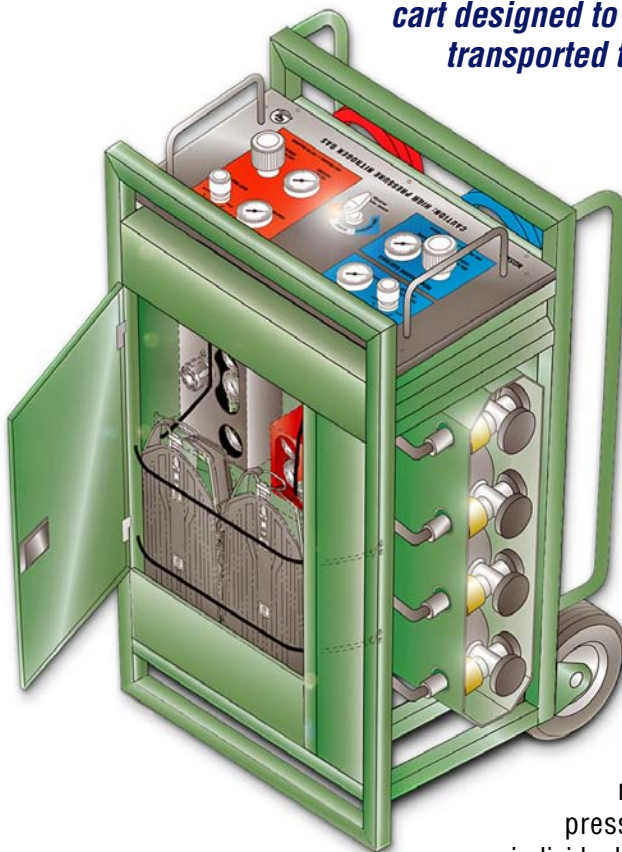
January 14, 2008

NDSK-1 . . .

A New Hybrid of the Original NDSK - Providing a Deployable Transport, Storage and Point-of-use High and Low Pressure Nitrogen Gas Maintenance Service Kit.

- **Transport lightweight high pressure backpack cylinders to point of need.**
- **Service high and low pressure components with backpack cylinder service kits.**
- **Service high and low pressure components directly from cart's control panel and the two attached 30 foot high and low pressure service hoses.**

The NDSK-1 - Nitrogen Deployment Sustainment Kit is a unique service cart designed to operate in a mixed service environment and easily transported to forward and remote area.



Providing nitrogen gas at variable service pressures is mandatory for maintenance of most military rotary and fixed wing aircraft, vehicles and various other military equipment. Tires, struts and accumulators are common applications since dry, inert nitrogen gas prevents explosions, corrosion and malfunction of critical components.

Easily deployable to forward or remote locations, the ability to bring high and low pressure nitrogen to the point of use is very difficult with existing equipment and even more difficult to dispense at the actual point of need.

The NDSK-1 solves the servicing problem by storing gas in very lightweight, man-portable backpack cylinders which can be transported to the exact point of need regardless of vehicle location or location of the service point on the aircraft or vehicle. The backpack cylinders provide nitrogen gas fill services with individual high and/or low pressure backpack service controls.

The NDSK-1 also provides the ability to be used as a standard nitrogen gas servicing cart with its two 30 foot high and low pressure service hoses, while providing the ability to remove individual high pressure cylinders for convenient backpack servicing use.

NDSK-1, Nitrogen Deployment Sustainment Kit, PN: 411000



NDSK-1 NITROGEN DEPLOYMENT SUSTAINMENT KIT

NDSK-1, PART NUMBER 411000 - CONFIGURATION:

Steel Tubular Frame with Two 10" Pneumatic Wheels and Storage Compartment for Harnesses and Service Controls.

- Four Lightweight Backpack Cylinders (CYL-74)
- Two Backpack Harnesses (HRN-3)
- One High Pressure Service Kit (HPSK-1A)
- One Low Pressure Service Kit (LPSK-1A)
- One High Pressure Service Hose w/ Fill Whip & Chuck
- One Low Pressure Service Hose w/ Fill Whip & Chucks
- One Each: CGA to QDC and QDC to CGA Adapters
- High and Low Pressure Pneumatic Service Control Panel.

NDSK-1 Specifications

LENGTH	28.0 inches
HEIGHT	46.0 inches
WIDTH (Frame)	18.5 inches
WIDTH (Overall)	26.5 inches
WEIGHT (Overall)	250 lbs.
WEIGHT (Cylinder Filled)	20 lbs.
LOW PRESSURE Backpack Controls	150 psig max.
HIGH PRESSURE Backpack Controls	4500 psig max.
CYLINDER CAPACITY (each)	88 scf
CYLINDER PRESSURE	4500 psig
CART NITROGEN CAPACITY	396 scf @ 4500 psig
.....	264 scf usable above 1500 psig

