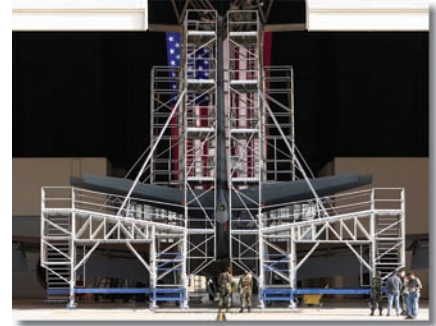


AIRCRAFT MAINTENANCE STANDS GROUND SUPPORT EQUIPMENT NITROGEN GAS GENERATION

Along with ground support equipment, nitrogen generation and delivery systems, Cv International designs, engineers, manufactures and installs custom aircraft maintenance stands and docks. From complete aircraft wrap-around systems to individual dock components, Cv International, teamed with UpRight, can create custom maintenance and inspection stand/dock systems to meet your specific work requirements and aircraft type.



In addition to fixed wing aircraft stands Cv International developed the MMP Modular Maintenance Platform - designed to fit the multifunctional deployment needs of military aviation and transport vehicles. The MMP is furnished as a lightweight, small footprint kit, packaged for ease of transport and configured to meet all Army Aviation Load Plans. When deployed, the MMP is readily unpacked for rapid on-site assembly of work platforms that can be arranged as necessary to provide maintenance access as needed, then repacked for return and reuse when needed.



MMI Series - Wrap Around Work Stands are portable steel lightweight work stands and docking systems. Easily assembled from attachable modular sections to provide full or partial wraparound platforms. Design provides ample under stand space for personnel access and equipment storage. Removable guardrails for rotor blade passage.

In service with U.S. Army rotary aircraft UH-60, AH-64 and CH-47.



NBSS-3 - Nitrogen Backpack Service System

The NBSS-3 service system provides a source of stored high pressure nitrogen gas in a very lightweight, man-portable backpack cylinder which can be carried to the exact point of need, regardless of vehicle location or location of the service point on the vehicle. The NBSS-3 includes a high pressure nitrogen gas backpack cylinder, a lightweight backpack harness, one each adjustable high and low pressure service control kits with adapters and a rugged high impact resistant storage/transportation case.

Model: NBSS-3

NSN: 3655-01-559-0617



NDSK-1 - Nitrogen Deployment Sustainment Kit

The NDSK-1 is a deployable transport, storage and point-of-use high and low pressure nitrogen gas maintenance service kit. Providing a supply of high pressure nitrogen gas at service pressure well above 1500 psi. Each NDSK-1 is equipped with four 4500 psi/ 88 scf removable backpack cylinders and two backpack harnesses with low and high pressure service controls, allowing for man transport to remote points of servicing and/or tarmac servicing directly from the cart.

Model: NDSK-1

NSN: 1730-01-506-4319



NBK-4 & NBK-5 - Nitrogen Backpack Kits

The NBK Kits are lightweight, high and low pressure nitrogen gas backpack service kits, providing users with a more efficient method of servicing rotary/fixed wing aircraft and other military equipment requiring nitrogen gas servicing. The NBK Kits can be easily transported for operation in remote deployment areas as well as at main base operations. Each NBK-1 kit includes one lightweight 4500 psi/88 scf cylinder and one backpack harnesses with high or low service controls.

Model: NBK-4 (High Pressure)

Model: NBK-5 (Low Pressure)



FCS-2001 - Cryogenic Sampler

The FCS-2001 Cryogenic Sampler is used to obtain, vaporize, collect and contain a sample of cryogenic liquids such as LOX, LIN and others for laboratory analysis. The 40 pound sampler kit consists of a sturdy aluminum case containing a sampling manifold, a DOT-rated 1800 psig sample cylinder with valve assembly, burst disc, pressure gauge and connections to the double-clip liquid sampling manifold. Includes sampling hose for LOX and LIN.

Cryogenic Sampler:

Sample Cylinder:

Model: FCS 2001

Model: 1800 psig cylinder

NSN: 6695-01-101-5691 YD

NSN: 3655-01-059-8222



390 & 390-R - Contaminated Fuel Detectors

Contaminated Fuel Detectors are furnished in two models as listed below. Both are portable instruments operating on 110-120 VAC, 60 Hz power and used primarily to determine the quantity of solid contaminants and free water in aircraft fuels such as Grade JP-5. The detectors can process a sample in 3-4 minutes on-site.

Model: 390

Model: 390R (with Free Water Detector)

NSN: 2H6630-00-706-2302

NSN: 7H6640-00-01-013-5279



MSU - Liquid Oxygen Multiple Service Unit

The Liquid Oxygen Multiple Service Unit, is a special purpose sub-cooler designed to provide an efficient means of transferring Liquid Oxygen (LOX) from storage tanks to aircraft LOX converters during off-aircraft converter servicing. The MSU enables rapid liquid transfer, particularly under high ambient temperature conditions such as experienced during desert and tropical military operations.

Model: MSU

NSN: 3655-01-223-3313 YD



POA - Portable Oxygen Analyzer

The Portable Oxygen Analyzer, is a cost-effective, reliable means of monitoring multiple nitrogen generators with a single meter that is easily maintained by cognizant unit inspection personnel using the testing instrument for the monitoring of nitrogen gas purity. The analyzer is a modified Teledyne Model BRC battery operated oxygen meter with a special three scale indicator. A special sampling hose adapts to the sampling port located on the control panel of CVI/CVB nitrogen generators.

Model: POA

NSN: 3655-01-431-5703



MANCS - Mobile Air/Nitrogen Charging Station

The CVB diesel powered on-site Mobile Air/Nitrogen Generator and Nitrogen Charging Station is small and lightweight and only half the size and weight of current mobile nitrogen generators. It is air and surface vehicle transportable and can be sling and fork lifted. The MANCS replaces present procedures involved in filling and use of heavy cylinder service carts or with heavy storage cylinders used to service remote AVUM aircraft. The MANCS utilizes the NBK-1 Backpack.

Model: MANCS-1

NSN: 3655-01-463-8067

MNG-2 - Mobile Nitrogen Generator

The MNG-2 Generators are a more User-Useful upgrade to the many MNG-1 series generators placed in worldwide service during the past 14 years. The basic Model MNG-2 combines the many attributes of the MNG-1A series together with innovative features of the small footprint MANCS (Mobile Air/Nitrogen Charging Station). While it retains the size and weight associated with SGNSC-GANG specifications, it provides many improvements and additional features.

Model: MNG-2A/SP-1

Model: MNG-2A/SP-2

NSN: 3655-01-505-7669

NSN: 3655-01-505-7673



SNG-II - Stationary Nitrogen Generator

The Stationary Nitrogen Generator is an electrically driven self-contained high pressure nitrogen generator, producing high quality, dry nitrogen gas for military, commercial and industrial applications. . . providing a cost effective means of servicing tires, struts, hydraulic accumulators and filling gas cylinders as well as for many other purposes customarily handled by high pressure filtered and dried air. The SNG-II is available in three models capable of producing nitrogen gas up to 99.5% purity at 8 to 25 scfm with any pressure ranging to 5000 psi, with an option to increase pressure to 6000 psi.

Model: SNG-II-2, 8 scfm/5000 psi

Model: SNG-II-4, 25 scfm/5000 psi

Model: SNG-II-3, 13 scfm/5000 psi



CGR - Coolant Gas Recharger

The Infra-red Coolant Gas Recharger is a combination fill station and purity monitor used for recharging various coolant gas receivers which are components of the infra-red detection systems used in missiles and night vision devices. The CGR enables on-site charging of three common types of high pressure IR coolant gas receivers with clean, dry nitrogen gas meeting the requirements of MIL-R-81202D. Very clean and very dry high pressure nitrogen gas is an approved medium for cooling IR detector sensors used in various military missile systems.

Model: CGR-1, P/N 701448-1

Model: CGR-3, P/N 701448-3

Model: CGR-2, P/N 701448-2

