

OE-Analog Purge & leak System X1



Nitrogen purging system is an analog kit that enables performing nitrogen purge, fill up and leak test for Night Vision Devices.

Nitrogen purging and leak test is required for final assembly and as a basic Night Vision Devices maintenance measure in order to keep the interior part of the device dry and clean.

The system control unit performs air & nitrogen extraction, nitrogen fill-up and Leak testing (pressure maintenance).

The system operates manually and allows easy mobility, repair and high performance in the field.

The Kit goes through a quality control process to meet high standard manufacturing, performance and safety regulations.

Main Features:

- ✓ Compatible with variety night vision devices
- ✓ Easy to assemble and operate
- ✓ Allows for maintenance and repair in the field
- ✓ ITAR free



Kit Components:

- ✓ Dry Nitrogen Bottle
- ✓ Control Unit
- ✓ Vacuum Hand Pump
- ✓ Pressure Regulator
- ✓ Feeding Valve
- ✓ Plastic Tubes
- ✓ Filling Adapter
- ✓ Spanner Wrench
- ✓ Carrying case
- ✓ User Guide



System specification:

No.	Characteristic	Data
1	Nitrogen Type	MIL-P-27401 Type I Grade C.
2	Nitrogen Bottle Pressure (Nominal)	1500 PSI / 100 ATM
3	Pressure Regulator	30 PSI / 2 ATM
4	Maximum Allowed Pressure Drop	0.06 psi/min
5	Initial Pressure	3.0 ±0.5psi
6	Temperature	22±5°C
7	Relative Humidity	55% Max