



NVD AUTO PURGE & CHARGE TEST SET

NSN: TBA
P/No: NAPCTS



The NVD Auto Purge and Charge Test Set was developed to assist lab technicians to accurately and quickly determine leak tests for all night vision goggle and monocular devices. The test set is also capable of charging the NVD with nitrogen.

The operator simply connects the night vision device to the test set then moves on with other tasks whilst the test set automatically purges, checks and charges the NVD. When the process is complete, the test set provides a “pass” or “fail” on the NVD with the display reading the results.

The NVD Auto Purge and Charge Test Set is a fully computerised test set with the following features:

- Adjustable vacuum setting from 5 to 25 inHg
- Adjustable Nitrogen charge setting from 1 to 20 psi
- Results are displayed on the LCD display
- Audible beeper for when the tests are completed to alert the operator
- Can be used for goggle or monocular operation and any other equipment requiring
- MIL-SPEC Carry Case

PRODUCT SPECIFICATIONS

Weight	14 kgs (31 lbs)
Dimensions	38 x 33 x 32cm (15x 13 x 12.5")
Supply Voltage Range	90 – 260 VAC (47 – 63 Hz)
Temperature Operating Range	-20 to 50 °C (-4 to 122 °F)
Adjustable Vacuum Range	2 – 24 InHg
Adjustable Vacuum Leak Sampling Time	5 – 60 seconds
Nitrogen Supply Range	15 – 30 PSI (100 – 200 kPa)
Adjustable Nitrogen Charge	5 – 10 PSI (35 – 70 kPa)





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In case of power failure, the purge and charge functions can be operated manually with the supplied accessories.

Simply connect the supplied hand pump to the outlet and carry on.

As with any precision equipment, an annual calibration will be required.



ACCESSORIES



The NVD Auto Purge and Charge Test Set comes with the following accessories:

- 1 x Hand Pump
- 2 x AN/AVS-6/9 Purge Adaptors
- 1 x Nitrogen Supply Hose
- 1 x 240V Power Supply Lead
- Operator's Manual

