



OE-260

Advanced NVD Test Set

OE-260, Night Vision Advanced Test Set is an innovative solution designed as a powerful tool for final assembly and maintenance. It allows for thorough operational readiness and an extensive idea of the required Lab repairs needed in

a variety of Night Vision Devices.

For the operational level, the system verifies the night vision device readiness in the field.

For the lab level, the Optronics Night Vision Device Test Set is designed to perform a full range of critical tests on night vision devices including resolution, gain, distortion, field of view, consumption, diopter, collimation and black spot defects under any nighttime light levels.

The OE-260, Night Vision Advanced Test Set is computerized, compact and lightweight and is running on Windows Operating System. Its unique touch screen device allows for an intuitive operation and provides clear results that may be printed out or saved for further tests and use.



SYSTEM SPECIFICATIONS:

Luminance sensor	15 degree, circular field of view and a 15 mm Eye Relief
Screen	Up to 10.1" LCD touch screen enables full control over all the device functions
Test-Set focal length	Test-Set Focal Length Set to infinity
Resolution	Resolution range 0.1 lp/mRad to 2.0 lp/mRad Uses elements of 1951 Air Force Bar Target. Contract target 100%
Dark spots test	Evaluates quality zones 1 to 3
Power for Goggle	Regulated 3.0 VDC supplied to goggles
Goggle Battery Test	Resistive load applied to battery under test at 3.0 volts
Collimation	Test up to 0.5° vertical and 1.0 horizontal divergence between channels
Diopters	+5 to -5 diopters
Light source	calibrated light source: White Light 2856K as per MIL-A-49425
Wireless unit	Bluetooth / Wi-Fi
Power supply	External power supply : 36VDC
Battery	Rechargeable battery.
Temperature range	Storage: -51°C to +68°C , Operational: 0°C to +40°C
Dimensions and Weight	Max. 600mm X 300mm X 300mm, 15 Kg.