TEST EQUIPMENT

IMAGE TUBE QUALITY TEST SYSTEM

Hoffman ENGINEERING

ANV-110DQ

Hoffman's night vision image tube quality test system, ANV-110DQ, is a self-contained system designed to perform the image quality tests required to verify the performance of night vision image intensifier tubes. Test capabilities of the ANV-110DQ system include: center and peripheral resolution (high light and low light), image quality (dark and bright spots, chicken wire), distortion, fixed pattern noise, cathode diameter, and halo. Each of these tests has a unique reticle, selectable on a six-position reticle wheel. The ANV-110DQ optical system provides the necessary optics to accurately project the selected reticle onto the photocathode of the image tube under test. The optical system also allows the operator to focus the image onto the photocathode without changing the magnification of the reticle image. The ANV-110DQ features a proprietary image tube holder system to correctly position and provide power to the image tube under test. Image tube holders are available for most commonly available image tube types. The ANV-110DQ also features an accurate and stable light source for testing image quality and resolution. A stereo-zoom microscope is provided to view image quality and measure defect sizes using interchangeable eyepiece reticles

BRINGING

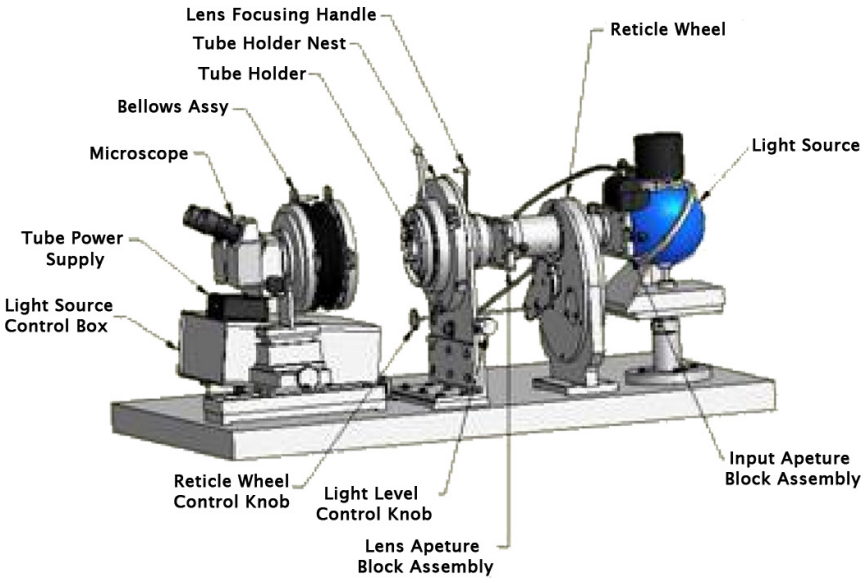
INNOVATION

TO

LIGHT

Product Specifications

- **Power Requirements:** 90-240VAC 50/60 Hz
- **Light Source:** Quartz halogen lamp, 6" integrating sphere calibrated to operate as "black body" radiator @ 2856K
- **Shipping Weight:** >150 lbs
- **Unit Dimentions:** 29" W x 24" H x 42" L
- **Calibration:** Required every 12 months



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Rev: A - May 14

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