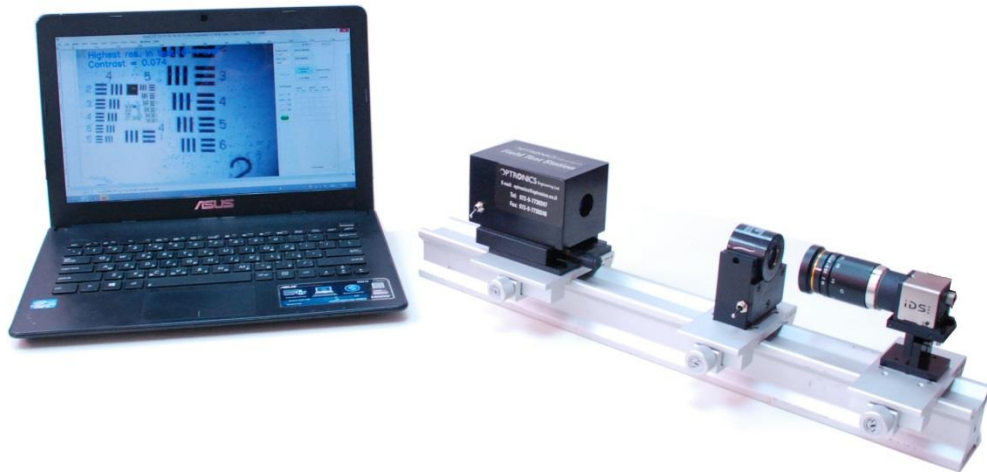


OE-110 Image Quality and Resolution Test Station



OE-110 Image Quality and Resolution Test Station is new software based system, enables to perform an image quality test for Night Vision Image Intensifier tubes.

The OE-110 Station has been developed for tube functioning test optimization. An accurate report is issued with a tube screen picture in up to 10-seconds per unit. 2 parameters are being tested by the system: Image quality and resolution.

- ✓ Image Quality Test. The system analyzes the tube's black spots according to predefined settings of size and location, and displays them on the tube screen image and on a summary table. The size and location settings are defined by the operator and conform to customer specification.

- ✓ Limiting resolution test. The most common parameter to describe high light level performance is the limiting resolution. This is the maximum line density on an USAF target that a human observer can resolve. The OE-110, detects the last clearly distinguished lines in USAF 1951 and not only the contrast for larger structures. The system gives a clear answer on the tube or system resolution by lp/mm.

The OE-110 station is designated for use at lab level and at the final assembly line. An easy to learn and operate system with no background knowledge required.

Main Features:

- ✓ Tube function test
- ✓ Black spots identification
- ✓ Bright spots identification
- ✓ GO/NO GO set by software
- ✓ Immediate results
- ✓ Easy to operate

Kit components:

- ✓ Laptop computer
- ✓ CMOS Camera
- ✓ Device Adapter
- ✓ II Tube or NVD adapter (for ANVIS & PVS-7 II Tube)
- ✓ Limiting Resolution test
- ✓ USF 1951 target



3 test Zones

Black spot

General information: Operator, Date & Time, Device/Tube details

Test Results	zone1		zone2		zone3		
	#	max	#	max	#	max	
size1	75	1	1	2	3	0	3
size2	150	0	0	0	2	0	2
size3	230	0	0	0	1	0	1
size4	300	0	0	0	0	0	0

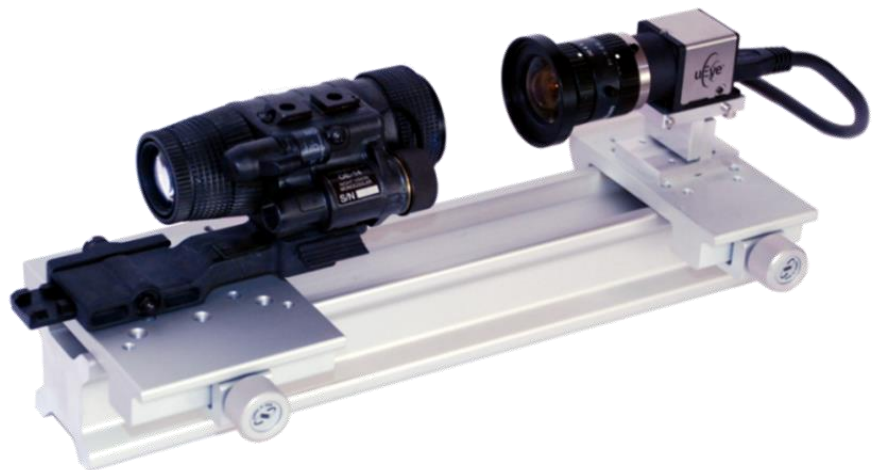
Test results are displayed on a table, according to predefined specification

Green: OK
Red: Failure

Enlarged black spot

The OE-110 image quality and resolution test station supports:

- ✓ 18 mm Image Intensifier Tube
- ✓ 25 mm Image Intensifier Tube
- ✓ Night Vision Devices



Optional: OE-110 system can be customized to the client requirements and supplied with designated adapters.

Our top quality products perfectly fit into your customized solutions.