NED™

Near-Eye Display Measurement Systems

AR/VR Testing Solutions

ISSOFT

NED™
Near-Eye Display Measurement Systems
AR/VR Testing Solutions

Your Complete Solution for AR, VR, MR, and HUD display testing

Enables enterprises and device makers “see” what the users will see when developing and manufacturing displays and display components.

Reality X® Verified

Patent No. 10,257,509, 10,972,721, and 3497423

NED™ E

Emulates the Human Eye for True User Experience

The most comprehensive, high resolution test system with analysis for end-to-end design validation of AR, VR, MR, and HUD displays.

Robot emulates how the human eye moves providing insight into **true user experience.**

The NED conforms to the latest international standards being developed by IEC, ISO, and SID (ICDM).

Extending capabilities for production and extending reach to the nearly 75% of the population needing vision correction.

NED™ RX

Award-winning Prescription Tester Systems

The world's first AR/VR testing option designed to measure see-through image clarity and compensate for user's built-in eye prescription.

Quantify true user experience in vision corrected AR/VR and test in both virtual world and see-through real world conditions.

Device makers are now empowered to safely integrate their user's custom eye prescriptions and still ensure a high fidelity end-user experience.

NED™ WG

Waveguide Tester Systems

Specialized analysis of **next generation** waveguide based Augmented Reality glasses

Device makers can establish design efficiency requirements with testing at:

» light engine-level

» light engine + waveguide level

Enabling next generation technologies

Complete Family of AR/VR Testing Solutions to Fit Your Needs

Product Family	NED™ E		NED™ M	NED™ W	NED™ V	
Platform	Robotic Eye™		Benchtop	Benchtop	Benchtop	
Model #	E100	E101	M80	W150	V24-75	V24-100
Resolution (PPD)	250	250	144	59	93	55
FOV Horizontal	160°	160°	65°	150°	56°	96°
FOV Vertical	45°	90°	48°	117°	49°	83°

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GAMMA SCIENTIFIC Verified

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