



# INTRODUCING

## The Awesome New EddyView<sup>®</sup> Family of Portable EC Instruments

*Designed to Fit Your Application and Your Budget*



PORTABLE. RELIABLE. FLEXIBLE. AFFORDABLE.

**FLAWESOME!**  
*NEW FROM UNIWEST*

# THE EDDYVIEW FAMILY OF EDDY CURRENT TESTING INSTRUMENTS FROM UNIWEST

Since 1985, employee-owned UniWest has engineered and manufactured eddy current testing solutions and instruments with unparalleled flaw detection capabilities for safety-critical and high-performance components in industries around the globe.

Now the new, EddyView line of portable EC instruments addresses the practical needs, as well as the financial realities, of the NDT

industry. EddyView instruments serve to ensure the physical integrity and performance demands of critical components in industries ranging from service and maintenance providers, to original equipment manufacturers, to aerospace, energy and infrastructure development enterprises.

Engineered by the UniWest EC solutions team, and manufactured in the United States, each model in the EddyView line matches the

technical strengths of eddy current inspection with the most productive options and features for optimal flaw detection.

Every model in the EddyView line is built on the same basic signal detection hardware platform and provides the same outstanding signal-to-noise ratio that users have come to expect from UniWest EC products.

## EDDYVIEW PRIME

**A primary eddy current instrument with basic inspection features, exemplary performance, and a reasonable price.**



Based on the same highly sensitive inspection technology and rugged hardware platform of the UniWest line of eddy current instruments, the Eddy View Prime is outfitted with a basic array of sensing, display and data storage features for precise flaw detection at a very attractive price. The EddyView Prime is the right choice for an all-purpose eddy current instrument designed for the inspector in the field.

### EddyView Prime features include:

- Single Frequency Capability
- X-Y Gain Spread
- Impedance plane, strip chart displays at the same time
- Removable SD card for program and test result storage
- Ethernet connectivity

## EDDYVIEW PRO

**A professional grade eddy current instrument designed for both standard and complex inspection applications.**



The EddyView Pro is a dual-frequency instrument designed with split screen capability for high speed bolt hole scanning. It provides conductivity and non-metallic thickness measurement, and the ability to interface with peripheral devices and automated systems.

Designed to be used by the professional, the EddyView Pro includes all the features of the EddyView Prime, and additional features that allow for both standard eddy current inspection and complex inspections. The EddyView Pro features include capability for automated production testing. Ethernet, RS-232, alarm outputs and high rates of data acquisition adds to the flexibility of the instruments system integration capability. The EddyView Pro is the perfect fit for use in the field, the laboratory, or in production

### EddyView Pro features include:

- Dual Frequency with mixing
- Split-screen for both impedance plane and O-scope/sweep modes
- Digital conductivity measurement
- Non-conductive liftoff digital measurement
- Rotating scanner support for high speed bolt hole scanning
- USB flash drive support

The EddyView line's outstanding flaw detection capabilities combined with an unmatched array of optional signal processing, readout, data storage, alarm and display features raises the bar for EC instrumentation while making available a previously unavailable set of portable EC instruments to the NDI industry.

In addition to EddyView's unmatched performance, UniWest's company-wide commitment to personalized customer service makes the EddyView line the most logical, and cost-effective choice for portable non-destructive testing of safety-critical components and high performance applications available anywhere in the world.

# FLAWESOME!

## EDDYVIEW PREMIUM

**A Premium eddy current instrument designed for special multi-frequency applications and system integration capability.**



For the most demanding eddy current testing applications, the EddyView Premium offers unmatched flaw detection and four frequency inspection capability. Designed for premium high end inspections, the Premium can be easily integrated into turnkey systems. Encoder support in addition to built-in strip chart recording capability allow for imaging software interface and ability to store permanent records. The Premium is the right choice for demanding special application inspections in production, but can also be used as a general purpose eddy current instrument for laboratory and in the field.

### EddyView Premium features includes:

- Quad frequency capability
- Both HP and Epson printer support
- Waterfall display for bolt hole imaging
- Special software packages for multiplexing capability (optional)
- Encoder support
- Auto name capability

## EDDYVIEW FEATURES

	PRIME	PRO	PREMIUM
<b>Single Frequency Capabilities</b>			
Alarm Mode			
Alarm LED			
Alarm Region (inside & outside)			
Alarm Types, Rectangular, Elliptical, Low and High			
Clear/Null Input			
Ethernet			
VGA Port			
Data Storage with SD Card			
SD Card For Data, Reports & Test Setup Storage			
Setup Storage			
Report Storage			
Frequency Range, 20Hz to 15MHz			
X/Y Sensitivity, .01, .02, .05, .1, .2, .5, 1, 2 & 5V			
Gain Control, Variable			
X-Y Gain Spread			
Probe Drive	L/M/H	0-100%	0-100%
Filters, HP and LP selectable			
Rotation Control, Variable			
Impedance Plane Display			
Strip Chart Display, Horizontal, Vertical or Both			
Chart Direction Reversal			
<b>Dual Frequency Capabilities</b>			
Mixed Mode			
Dual-Frequency Display			
Mixed-Frequency Display			
Alarm Delay			
Alarm Duration			
Alarm Headphone Audio Out			
TTL Alarm Output			
Open Collector Alarm Output			
Alarm Buzzer			
RS232 Serial Port			
USB Keyboard Support			
USB Flash Drive Support			
Grid Mode Selection			
Variable Display Color Themes			
Split Screen Display, Impedance and O-Scope			
O-Scope Display			
O-Scope Alarm Gates			
Coating Thickness Measurement			
Digital Conductivity			
Rotating Scanner Support			
<b>Quad Frequency Capabilities</b>			
Mixed Mode			
Quad-Frequency Display			
Mixed-Frequency Display			
Waterfall Mode			
Waterfall Display			
USB Printer Support HP/Epson			
Scan Encoder Support			
Auto Name			
Aux IO			
Multiplexing Software (Optional)			

Prime Pro Premium

L/M/H – Low, Med, High



**POWER TO  
CHOOSE**

**PRIME  
PRO  
PREMIUM**



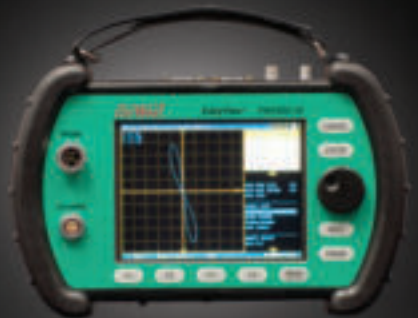
### EDDYVIEW PRIME

The best in eddy current instrumentation just became affordable.



### EDDYVIEW PRO

Designed for more complex applications.



### EDDYVIEW PREMIUM

For the most demanding eddy current testing applications.

**UniWest**  
Tough Challenges. Critical Solutions.

## EDDYVIEW APPLICATIONS

Industry	Component	Application	
Aerospace	Airframe Engine Landing Gear & Accessories	Air Seals	Conductivity (lightning strikes)
		Aircraft Disks	Fastener Holes
Manufacturing	Brake & Safety Related Engine Transmission Wheel	Aircraft Engines	Heat Damage
		Aircraft Frame	Landing Gear Trunnion
		Aircraft Skin	Material Thinning
		Aircraft Wheel	Paint Thickness
		Airframe	Propeller
		APU (Auxiliary Power Unit)	Rocket Motors
		Bolt Holes	Tie Bolts
		Bores	Turbine Blades
		Broach Slots	Web
		Combustion Chamber	Wing Attachment Pins
		Bar	Pins
		Batch Analysis	Pipe
		Bearing Races	Plate
		Billet	Rod
		Bolts	Roller Bearings
		Paper Mill	Silicon Wafer
		Plastic Injection	Wire
		Molding Tubes	
		PA Catheter Tube	
Medical Devices		Pacemaker Cases	
Military	Armament Mortars Tanks	Gun Barrels	
		Hi-Stress Components	
Power Generation	Turbine & Generator	Safety Hardware	
		Blade Roots	Disks
Primary Metals	Bar Tube Wire & Plate	Blades	Generator Inspection
		Bolt Holes	Turbine Blades
		Bores	Welds
		Broach Slots	Winding Slots
		Coating Thickness	
		Bar Production	Rod
		Batch Analysis	Roller Bearing
		Billet	Si Wafer Inspection
		Inclusion Detection	Steel Production
		Material Sorting	Strip
		Paper Mill	Tube Production
		Pipe	Valve
		Plastic Injection Tubes	Weld Inspection
		Plate	Wire Production
		Plate Production	
		Porosity Testing	
Research & Testing	Wide Range of Capability	Forensic Analysis	
		Laboratory Research	
		Materials Innovation	
		Process Optimization	
Systems Integration	Integration into Robots, Scanners and Research, & Data Collection	Automated Aircraft Engine	
		Manufacturing Systems	
		Primary Metal	
Training	Basic Eddy Current Instruction	Level I Eddy Current Certification	
		Level II Eddy Current Certification	
Transportation	Brake & Safety Related Engine Transmission Wheel	Bolt Holes	
		Bolts	
		Crankshafts	
		Heat Treat Sort	
		Hubs	
		Pistons	
		Rotors	
		Tubing	

**LEARN MORE. CALL NOW. BE FLAWESOME!**

**UniWest**  
Tough Challenges. Critical Solutions.



Since 1985  
Employee Owned  
USA Made

UniWest provides critical solutions for non-destructive testing.

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Specifications subject to change without notice.  
September, 2013

