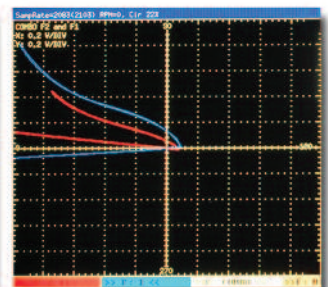
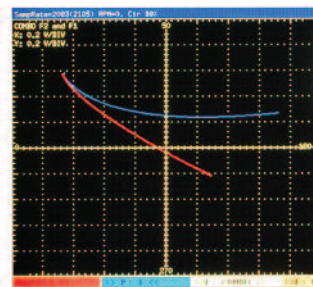
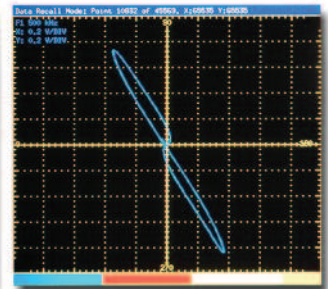
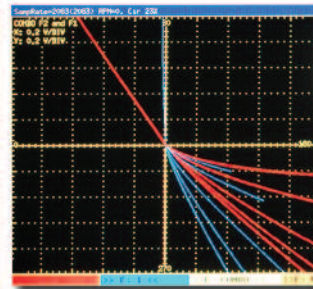
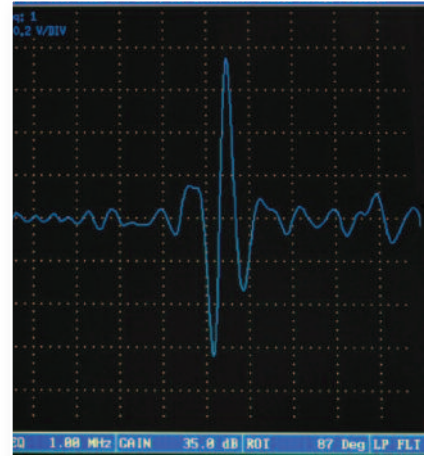


The new **EddyView Pro** is a dual-frequency instrument designed with split screen capability for high speed bolt hole scanning. It provides conductivity and non-metallic thickness measurement, and the ability to interface with peripheral devices and automated systems.

Based on the same highly sensitive inspection technology and rugged hardware platform of the UniWest line of eddy current instruments, the



EddyView Pro allows for both standard eddy current inspection and complex inspections. The Pro provides the same outstanding signal-to-noise ratio that users have come to expect from UniWest EC Products.

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

## HARDWARE CONTROL FEATURES

- Continuously variable control knob for selecting and changing instrument settings
- Scrolling menu
- Programmable push button function keys
- Display, Erase, Null, and Enter keys

## DISPLAY

- 6.5" Diagonal, color flat-panel LCD
- X/Y Impedance plane display
- O-Scope (sweep)
- Split screen
- Selectable display mode including strip chart, and impedance plane
- Sensitivity scaling of 0.01, 0.02, 0.05, .1, .2, .5, 1.0, 2.0, 5.0 Volts per division
- O-Scope sweep speeds from 1msec/div to 10 sec/div
- Auto clear of 0 to 10 sec, in 1-sec intervals
- Variable persistence of 0 to 10 sec
- Trace dot to give precise location of null point  
– Circle, Diamond, Square
- Null point can be adjusted for operator convenience
- Rotation (phase) 0.0 – 359.9 degrees in 0.1 degree increments

## PROBE DRIVE

- Range from 20 Hz to 15 MHz
- Frequency adjustable to 3 digits of precision
- Standard probe drive adjust of LOW, MED, HIGH
- Continuous probe drive adjust of 0 to 100 percent
- 7.0 Vpp maximum

## NUMBER OF FREQUENCIES VS

### SAMPLE RATE

- 1 frequency enabled at up to 25 kHz sample rate
- 2 frequency enabled at up to 6 kHz sample rate

## GAIN

- 0 to 114.0 dB
- Adjustable in 0.1 dB increments
- X/Y spread increases gain in X or Y axis up to 42 dB  
(Total maximum gain in any one axis = 114.0 dB)

## FILTERS

- Low and High pass selectable from 0 to 10 kHz
- Adjustable to 3 digits of precision

## PROBE TYPES

- Absolute, differential, reflection, and differential reflection

## DOCUMENTATION/PRINTERS

- Supports Hewlett Packard printers
- Printouts include selected menus and headers
- Full PDF manual and Ethernet protocol documentation

## CONDUCTIVITY

**Conductivity Range:** 3.5% IACS ~ 100% IACS ± 1% IACS

- 60kHz probe is good down to 3% IACS
- 480kHz probe is good down to 1% IACS

**Liftoff Range:** 0.0 mil ~ 15 mils ± 1 mil

## DATA STORAGE

- Programmable test setups - store up to 1,000 test setups
- Data storage on Secure Digital Card – Can store up to 250 four-mega byte data files on a 1 Gig card. Standard fat 32 formatted card works in instruments running application software version 1.0 or later
- Data storage on USB Drive – Can store files on most USD drives. USB Drives work in instruments running application software version 1.0 or later
- Report storage – BMP & text or Report (Use with report software\*)

## GATE/ALARM

- **Type:** Rectangular, elliptical, high- and low-bar dual and single alarms
- **Outputs:** TTL, open collector, audio, headphone

## INPUT/OUTPUT PORTS

- RS-232 serial port for remote control
- Ethernet for remote control and data transfer
- Analog outputs of +/- 10 Volts
- Probe connection via an 8 pin Burndy
- Scanner connection via 19 pin Lemo
- RGB output for external monitor
- Clear/Null input lines
- Alarm out and alarm audio
- USB port for keyboard and data out
- SD card slot

## POWER

- Lithium ion rechargeable battery pack, 10.8 Volts, 5400 mAh
- Universal power supply and power cable for operation and battery recharge
- Battery level indicated by LEDs on battery

## GENERAL

- **Case:** Uniframe design over-molded grips; drip- and dust-proof
- **Dimensions:** 11.5" long x 7.5" high x 3" deep
- **Weight:** 5 lbs. with battery; 4 lbs. without battery

## OPERATIONAL FEATURES

- Video LCD with external RGB output
- Eddy current impedance plane, with background and signal (trace) color selectable
- Two-frequency mixing capability
- Data recording of all frequencies (length of recording dependent on sample rate and number of frequencies)
- Zoom feature on recalled data
- Data storage to memory card will support up to 1 Gig card
- Ethernet for instrument control and data transfer
- 16-bit resolution digital data
- Remote smart battery charger holds 2 batteries, recharging in sequence
- JF-15 High-speed scanner for hand held scanning of bolt holes
- ECS-1 High-speed low profile scanner for hand held scanning of bolt holes
- Rugged storage and shipping container
- Standard and special application probes and delivery mechanisms
- Report Application Software for quick and accurate documentation

Specifications are subject to change without notice.



**UniWest provides critical solutions for non-destructive testing.**

TEL: 509.544.0720 | FAX: 509.544.0868

122 South 4th Ave, Pasco, WA 99301

www.uniwest.com

Specifications subject to change without notice. January, 2013