



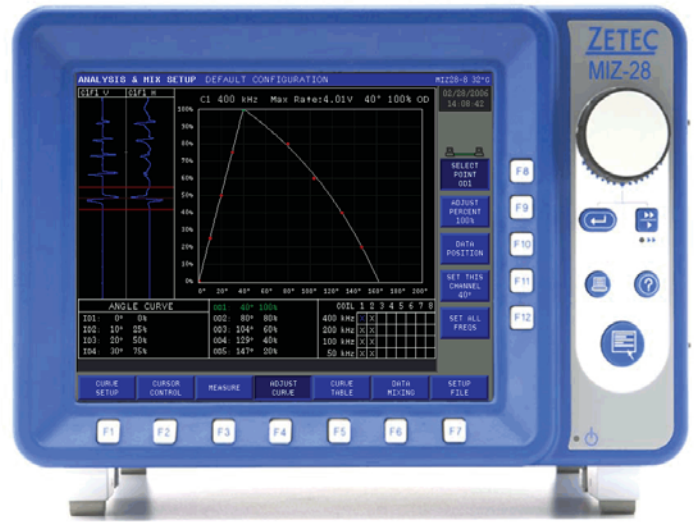
MIZ[®]-28 'REV B' UPDATE

Performance enhancements have been added to the MIZ-28 in firmware version B that bring a new level of performance to the integrated eddy current inspection instrument.

“On the box” analysis

Several analysis features that provide the ability to create an analysis setup, measure indications and report results are now available.

- Data Calibration curves for phase and amplitude can be setup from a known standard. Voltage scales and phase rotations can be performed for all channels.
- Measurements can be performed using a selectable Volts-Peak-to-Peak, Vert-Max or Max-Rate.
- A report button allows the writing of flaw measurements to a report file.
- Saving of the analysis setup file within the data directory for convenient setup recall.



Signal suppression mixing to improve flaw detection

Two channel mixing has been added for the suppression of certain signals such as support plates. This provides the ability to electronically subtract a support plate signal from the data to expose a hard to see flaw.

Data spooling to remote devices

Data can now be spooled from the internal hard drive to a network drive or USB device providing more efficient data delivery.

RFT and SI Mode enhancements

RFT and SI Mode Features have been added to improve acquisition speeds. A new RFT / SI Low Frequency 'LF' filter along with SI Mode filters provides improved sample rate (acquisition speed) at certain frequencies.

System Performance Improvements

In addition to the added new features, several improvements to system performance are included with Rev B firmware:

- Network printing with color on a white background is now available.
- In SI mode the instrument can now acquire data below 900 samples/second.
- Unused timeslot drive voltages are set to 0V to avoid crosstalk.
- Reactivating unused timeslots will default to 1V drive.
- 'Balance 1, Balance 2' coil assignments.
- User message popup when SI mode drive voltages exceed 20V.
- Saturated signals in the SI mode are filtered to a 'flat line'.

Contact Zetec customer service at 1-800-643-1771 (US and Canada only) or (425) 974-2700 to discuss your options for upgrading existing MIZ-28 instruments to the new Rev B firmware.

Note: Be advised that existing tester configurations stored on the instrument are not compatible with MIZ-28 Revision B firmware. Existing tester configurations will be removed during upgrade. Customers should plan to document their specific tester configurations before having their instruments upgraded so they can reconfigure them after upgrade installation. Attempts to load old tester configurations will result in an error message displayed as "Error: Recall Configuration. Config revision"