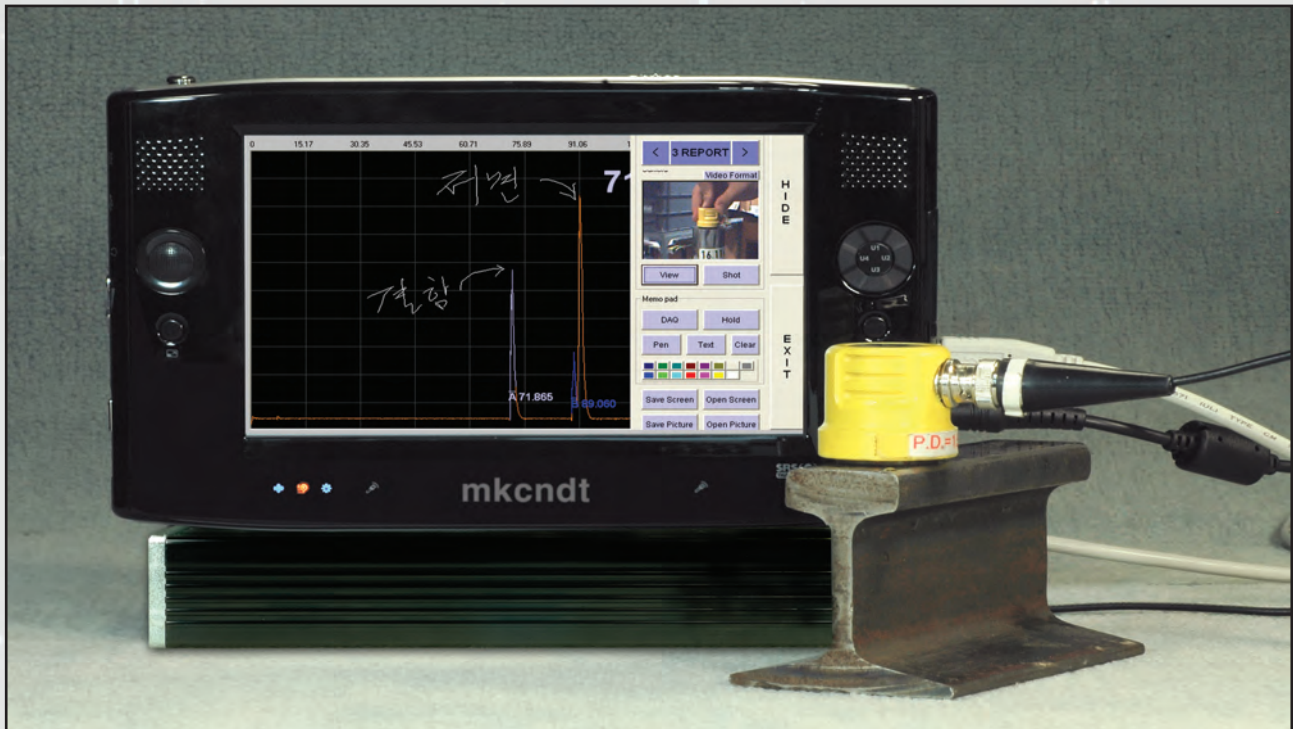# Ultrawave-2020 Integrated Flaw-Detection System

Ultrawave-2020 is an innovative ultrasonic flaw detector that is designed for system integration engineers while it can be also used for traditional field test.

This unit implements famous LabView technology enabling engineers to be able to utilize abundance of LabViwe tool kits for fast and well finished development of ultrasonic testing system.

Developing signal processing functions such as Digital filters, Averaging, FFT and machine control function are now easy task with the aid of LabView tool kits.

Features

- All hardware functions are controlled by Labview driver.
- Collected ultrasound waveforms are transferred to LabView driver.
- High energy pulser that generates sharp ultrasonic signal and high gain low noise receiver.
- Provided software analyzes and stores incoming data to the computer.
- With provided application, the hardware is controlled by touch screen.
- Customized application program is made as customers need.
- Portable and compact housing.

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