

USM 35

This ultrasonic instrument brings color to every day testing!

**FLAW
DETECTION**



Continuation of a success story

Our well-established and successful ultrasonic instrument USM 25 now has company: the USM 35 comes with a larger, high-contrast color display.

Not only the display but also battery concept profits from innovations in the computer industry: the lithium-ion battery pack supplies the instrument with energy for up to ten hours and can remain in the instrument for recharging.

Another thing which you certainly know from the computer technology: a standard VGA output enables transfer of the USM35 screen contents to an additional PC monitor or beamer.

Where does the color help you in your daily test applications?

The color display enhances clarity even further, especially in weld inspections: A special highlight here is the color-coded display of each reflection of the sound beam from the surface of the test object when testing with angle-beam probes. The color of the signal changes with every leg.

Other benefits presented by the color:

- Adaptation of background color to the ambient light conditions of your test environment
- Display of monitor gates in different colors for direct recognition

- Display of registration curves in DAC and DGS evaluation
- Filing of a reference scan or display of echo dynamics

We have of course kept everything worthwhile from the USM 25: for example, the popular intuitive operating concept.

Apart from that, the USM 35 comes with all the options for flaw evaluation according to international specifications: from simple echo amplitude comparison over the recording of DAC curves, including the representation as DAC or TGC, to the DGS evaluation.

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