UT Mate – High Class Ultrasonic USB Module for Flexible Use as Testing Instrument

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Abstract: The UT Mate is a USB Module for flexible use as ultrasonic instrument with any PC.
The ultrasonic module is an innovation in design for usability because of its size, weight, handling and outstanding technical ultrasonic data. The data transfer and power supply is easy and quick via USB connection. The plug and play device has an optimal rating of cost and performance. The easy integration and installation of the software on any PC point up the flexible usability. The UT Mate as ultrasonic hardware and the extensive software features meet the requirements of different applications in automotive, steel and aerospace industrie as well as laboratories and universities. The UT Mate can be configured for variable use e.g. for test of weld seams and solder connections as well as for inspection of glue combinations and claddings. The use as ultrasonic instrument comprises the manual inspection of resistant welded spots and with the new software ideal condition for testing of unequal and 3 plate combinations as well as high strength steels. The integration of the UT Mate as ultrasonic hardware in inspection systems is another step for simple, cost-efficient and practicable design of mechanical inspection with ultrasonic.

UT Mate

This high class ultrasonic device convert your computer into a powerful UT instrument by simply connecting UT/Mate. The UT mate is designed for for flexible use as ultrasonic instrument with any PC.
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Figure 1: UT Mate

Figure 2: Instrument Software with A-scan Signal and Ultrasonic Parameter Setup Toolbox