



Meet the MxTTU

All the benefits of TTU

An advanced NDT platform, MxTTU offers all of the benefits of current TTU technology without sacrificing the conclusiveness of results.



Why MxTTU?

Portable, Practical, Precise

It's the only portable, practical device in the world that combines live C-scan imaging, Matrix technology with simplified inspections, with TTU.

Easy to use

The unique design makes the set up and configuration between the two transducers to the core unit as simple as clicking a button. While in use, it is quick and easy to toggle between Through Transmission and Pulse Echo for the ultimate user experience.

A benefit of performing Through Transmission Ultrasound (TTU) versus Pulse Echo (PE) is the inspection of materials with high attenuation properties, such as, multiple bond layers, honeycomb cores, or foam cores. These types of materials hinder the sound propagation from traveling to the backwall and back to the receiver with sufficient measurable energy. In addition, orientation of the material interfaces and indications affect the sound wave propagation which reduces signal response when using PE.

MxTTU offers a distinct advantage, providing the user the ability to arrange the two transducers (transmitter and receiver) in any positions.

Unrivalled flexibility

Users can also arrange the transmitter and receiver to access all areas for unrivalled flexibility.

Greater surface area, better alignment

It's large inspection contact area enables improved alignment for high precision tasks.

Simpler testing for complex materials

So whatever you need to assess, from multiple-bond layers to honeycomb or foam cores, MxTTU makes testing complex structures and materials far simpler.

Meet the MxTTU

The next-generation scanning solution you've been waiting for.

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