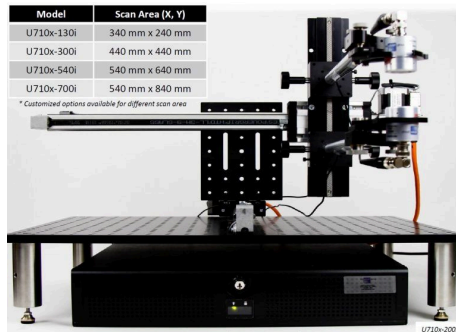


## Benchtop Analysis Systems

U710x is Ultran’s next generation, turnkey inspection system for 2D C-Scan generation, optimized for use in non-contact (air-coupled), immersion, and direct/delayed contact modes. The U710x is faster and has higher sensitivity than any other non-contact quality inspection system in the industry. Its lightweight design facilitates its use in a wide variety of applications, including those involving fieldwork.

### U710x System



## Product Attribute Overview

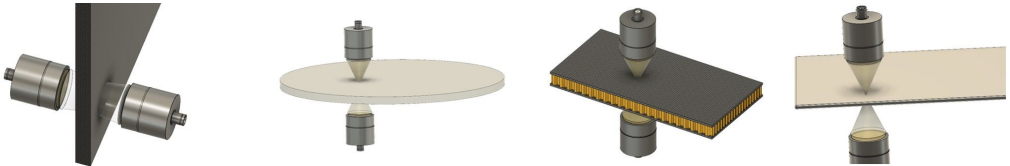
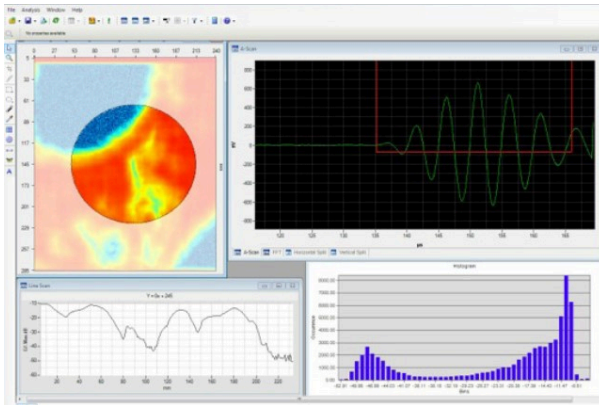
The U710x is powered with 390V tone burst excitation, 84 dB of dynamic gain, and numerous filter options for signal enhancement. U710x is available with numerous X-Y scanning options for small sample analysis or large part inspection.

Function	Description
Transducer Modes	Through Transmission, Pitch-Catch, Pulse-Echo
Frequency	20 kHz to 6.25 MHz
Speed	Up to 1 meter per second of scanning speed
Sampling Rate	Up to 50 MS/sec
Measurements	Pk-Pk Amplitude (dB and mV), Time of Flight (ToF), FFT, Pk Loc
Material Characteristics	Delamination, Porosity, Density, Thickness, Voids, Cracks, and more

# Benchtop Analysis Systems

## Research Studio Post-Processing Software Suite

Ultran's post-processing software includes statistical analysis upon a full scanned image or a selected sample, color palette adjustment, A-scan capture for every scanned point, histogram generation, and more.



## Size and Imaging Frame Options

The U710x system is available in several sizes and configurations, as shown below. Contact us at [info@ultrangroup.com](mailto:info@ultrangroup.com) for pricing information.

Model	Scan Area (X, Y)
U710x-130i	340 mm x 240 mm
U710x-300i	440 mm x 440 mm
U710x-540i	540 mm x 640 mm
U710x-700i	540 mm x 840 mm