The TechSonic CW™ Ultrasonic Center Wall Measurement System utilizes wedge mounted immersion transducers to capture wall thickness readings in the target area thousands of times a second and presents the readings to the operator in an easy to read digital chart. Approximately 1225 readings are taken per second. This data is also saved to disc in a text format allowing this real time data to be available for further processing by the user’s IT department if desired (for trend monitoring purposes). The software program will also allow for the display of the minimum and maximum values recorded for inspection classification or for further evaluation. An image of the graph and hi/lo values is also saved to disc for future reference. This system is designed to meet or exceed DS-1 center wall specs.

The TechSonic CW™ has been designed to be placed between two standard pipe racks (18' apart or greater). This allows the TechSonic CW to be placed seamlessly into a production environment for immediate use. The table legs are adjustable and should be set to allow for the test tube to be easily rolled onto the end-O rollers. The lift/rotator modules are designed to lift the test tube off of the rack and rotate for a 360 degree tube scan.