

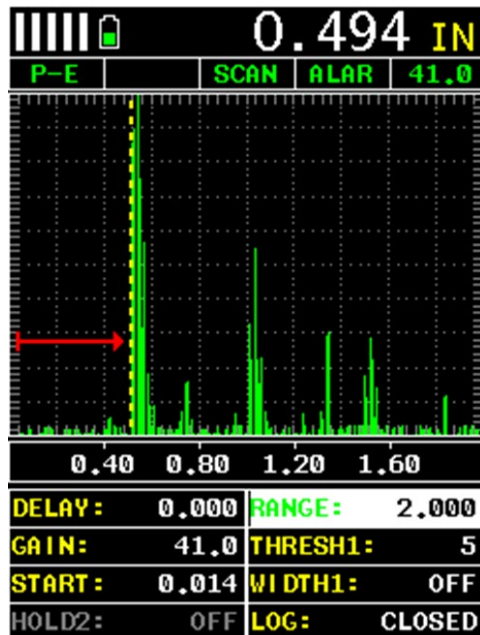


A-Scan vs. B-Scan

A-Scan

Shows the signal that is being measured.

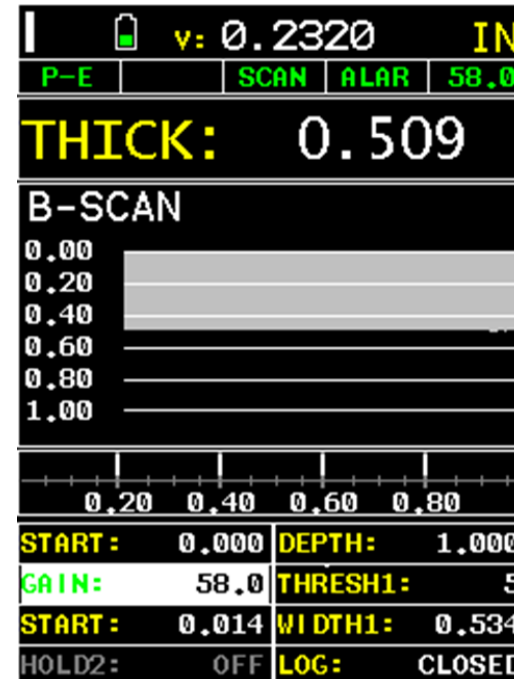
Good material will have a strong Back Wall Echo and Multiple Echo



B-Scan Display

B-Scan graphs a series of measurements. This results in a profile view that is helpful to understand if the material has a single or series of pits, general corrosion, inclusion or lamination.

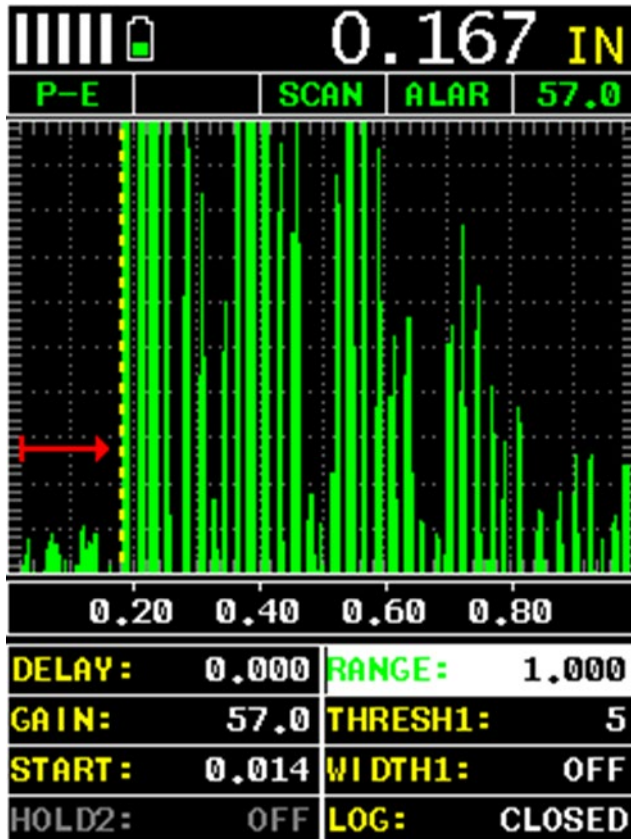
Good material will have a consistent Back Wall Echo



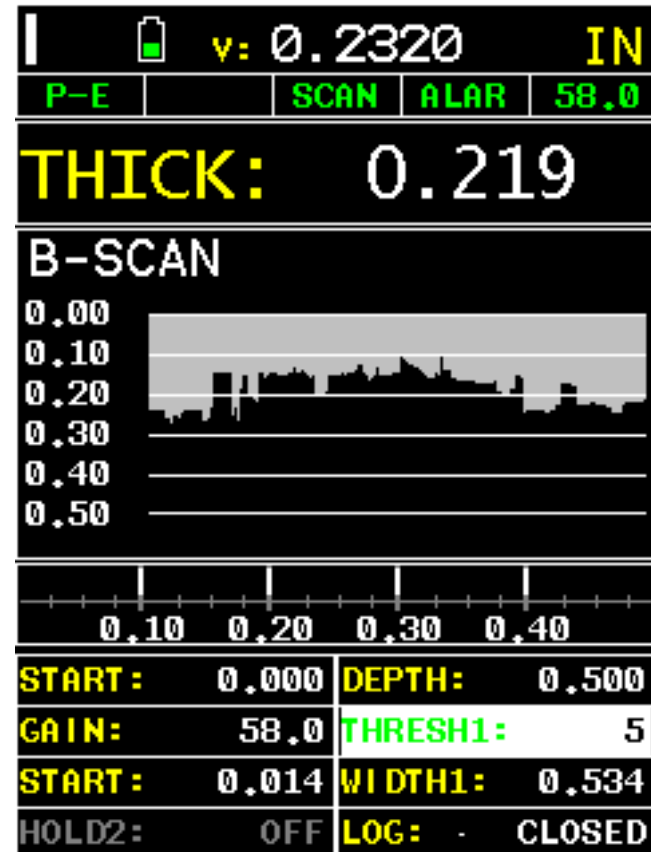


A-Scan vs. B-Scan

Pitted material will show a signal coming before the Back-Wall Echo and a diminished or non-existent the Back Wall Echo, depth measurement will be inconsistent and vary point to point



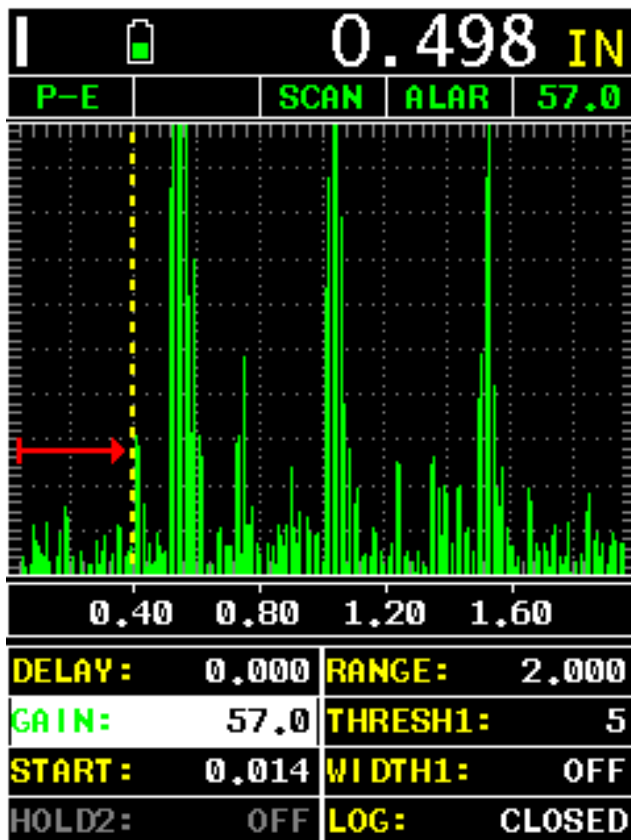
B-Scan showing various irregular thicknesses



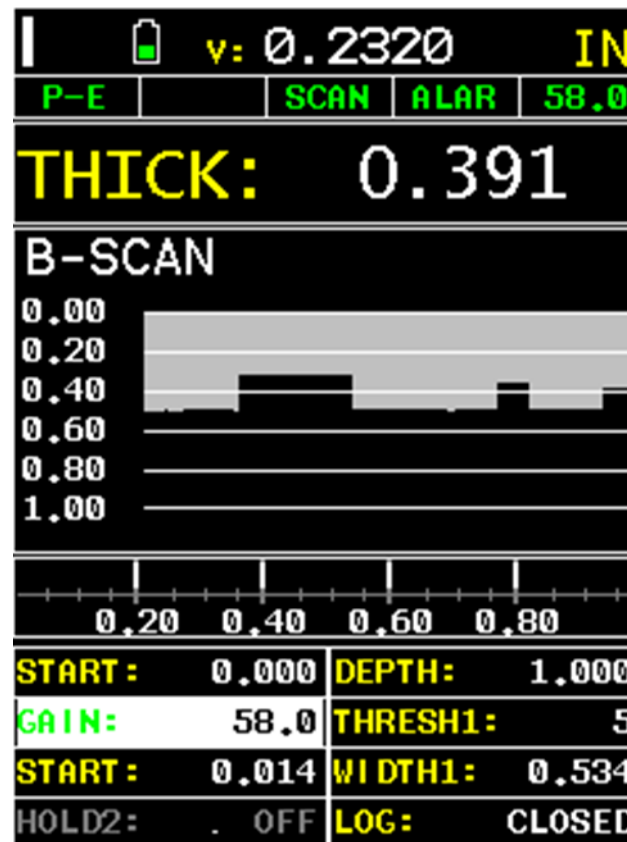


A-Scan vs. B-Scan

An inclusion will show a signal coming before the Back Wall Echo but the Back Wall Echo is unaffected

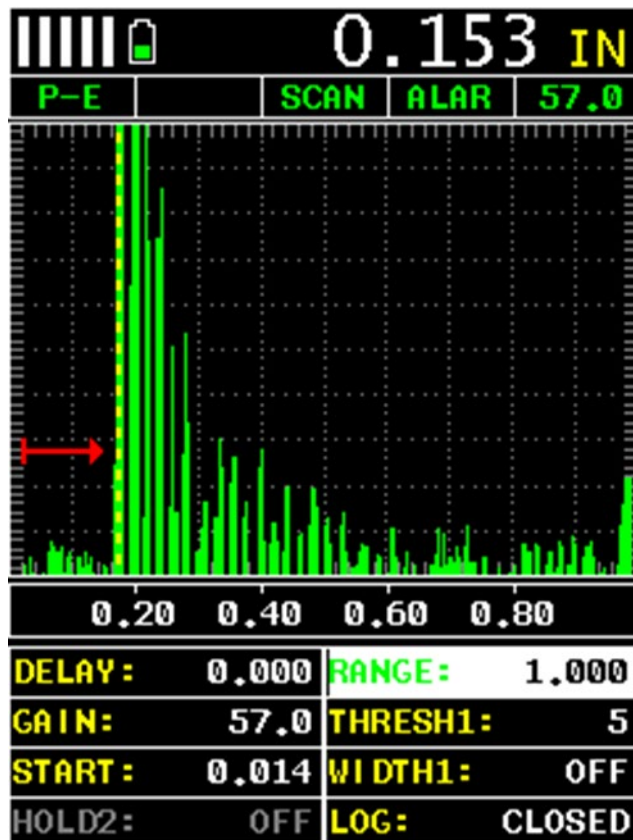


B-Scan shows inclusions at consistent depth (plateau)



A-Scan vs. B-Scan

A lamination usually at mid-wall and of consistent depth



B-Scan showing a plateau of considerable length

