

MXU 4.4 Release Notes

MXU 4.4R4

2018-04-06

Resolved issues from the previous version

- Fixed a pulse width issue with specific parameters.

MXU 4.4R3

2017-05-31

Resolved issues from the previous version

- Setup file compatibility with previous OmniScan software versions was enhanced.

MXU 4.4R2

2017-03-01

New features

- DGS PA & UT sizing technique major updates
 - o Updated DGS sizing wizard.
 - o Addition of DGS curves on all focal laws.
- Addition of TomoView compatibility for MXU 4.4 files

Resolved issues from the previous version

- Customer reported and other minor stability issues have been fixed.
 - o TminZ reading source refresh issue has been fixed.
 - o Thickness changing causing calibration clear has been corrected.

MXU 4.4R1

2016-11-28

New features

- Onboard Compound Scan available in the Setup Wizard and in the Focal Law menu
- Long seam weld inspection (Axial scan with COD wedge)
 - o Updated Part & Weld Wizard to define Axial Welds.
 - o Focal Laws and wedges are automatically adjusted for the part curvature.
 - o R-Scan with corrected volumetric position of indications in the gate.
- A-C-R-S layout
- A-B-S Layout
- New Readings
 - o S(m-r)CSC: represents the scan length corrected for part curvature and flaw depth.
 - o TOF Readings (TOF:U(r), TOF:U(m), TOF:U(m-r)): represents the position of ultrasonic cursors in the part

in microseconds

- Aspect ratio readings (h/l Ratio, h/t Ratio): calculations of the defect height to the length of the indication or the defect height to the part thickness.

Resolved issues from the previous version

- Stability issues under specific conditions with C-Scan and Raster scan are fixed.