OLYMPUS

MXU 4.4 Release Notes

MXU 4.4R2   2017-03-03

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   2016-28-11

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
    - o 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.