

OmniPC 4.4 Release Notes

MXU 4.4R2

2016-03-03

New features

- DGS PA & UT sizing technique major updates
 - Updated DGS sizing wizard.
 - 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.
 - TminZ reading source refresh issue has been fixed.
 - Thickness changing causing calibration clear has been corrected.

OmniPC 4.4R1

2016-28-11

New features

- Long seam weld inspection (Axial scan with COD wedge)
 - Updated Part & Weld Wizard.
 - R-Scan with corrected volumetric position of indications in the gate.
- A-C-R-S layout
- A-B-S Layout
- New Readings
 - S(m-r)CSC: represents the scan length corrected for part curvature and flaw depth.
 - 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.