

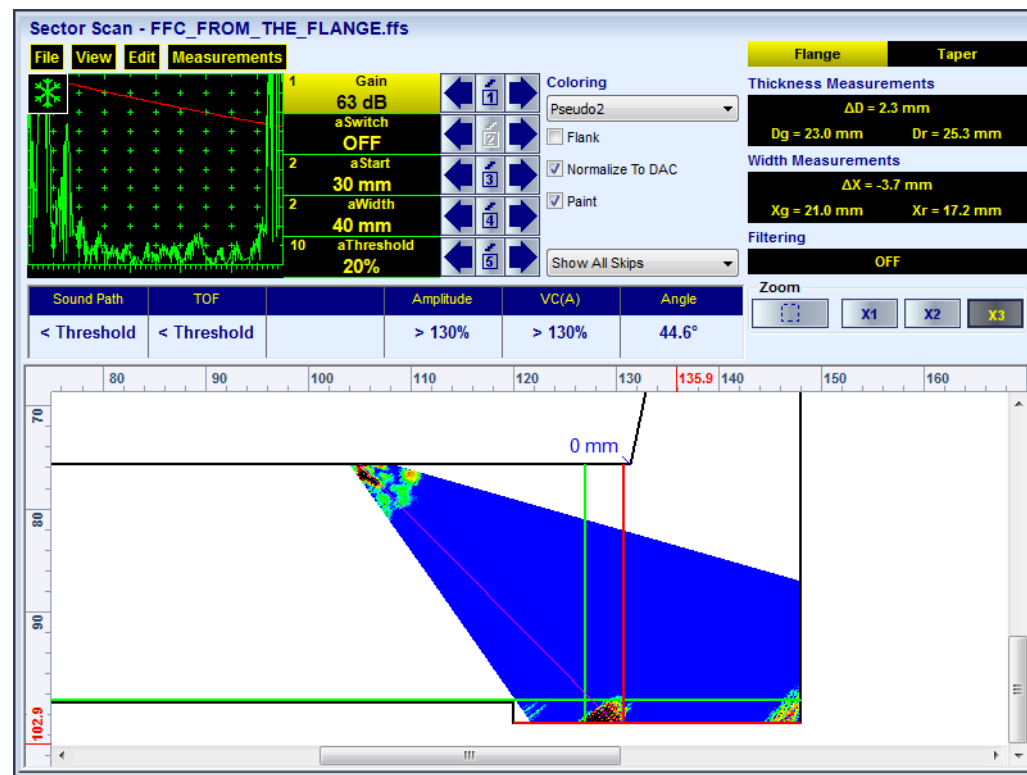
| Item | Order Code (Part #) |
|---|---------------------|
| <p>Inspection SW Application for ISONIC 3510 - Phased Array Modality: Expert FFC - Detection, Imaging, and Evaluation of Flange Face Corrosion</p> <ul style="list-style-type: none"> ⇒ True-To-Geometry Flange Face Overlay Volume Corrected Imaging - Cross Sectional and Top (C-Scan)- / Side- / End- View and 3D ⇒ Sector-Scan Cross Sectional Coverage with Probe Placed Either on the Taper, Pipe Wall, or Flange ⇒ Intuitive Image Guided PA Pulsar Receiver with Beam Forming View ⇒ DAC / TCG Normalization ⇒ Built-In Flange Geometry Editor and Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ Automatic Coupling Monitor ⇒ Encoded and Time based C-Scan ⇒ 100% Raw Data Capturing ⇒ FMC/TFM Protocol for the data acquisition and imaging ⇒ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇒ Automatic Creation of Editable Defects List ⇒ Comprehensive Postprocessing Including: <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Views from the Recorded C-Scans → Converting Recorded C-Scans or their Segments into 3D Images → Off-Line Gain Manipulation → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Creation of Defect List and Storing it Into a Separate File → Automatic creating of inspection reports - hard copy / PDF File | <p>SWA 3510019</p> |



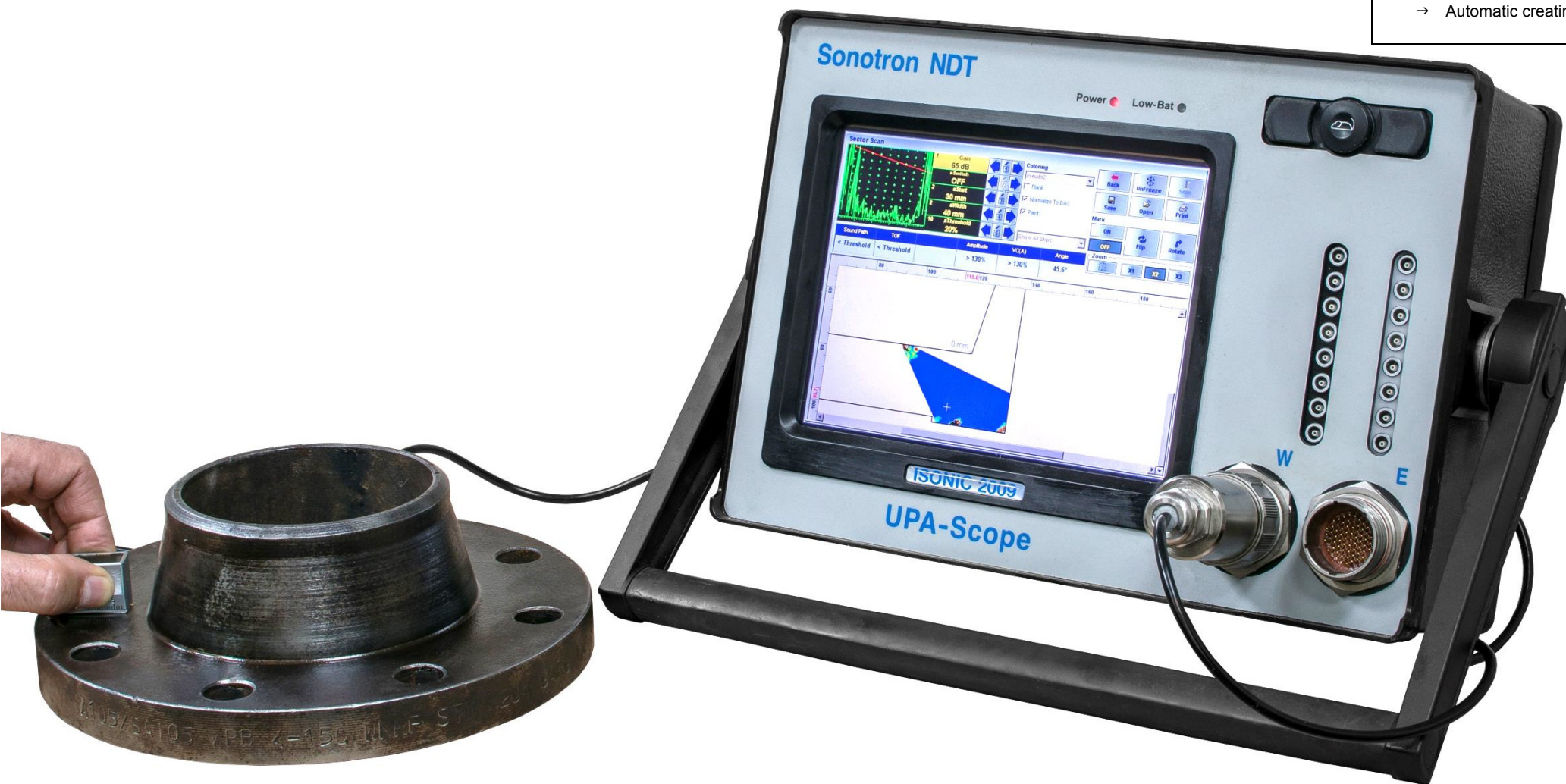
Detection and evaluation of the flange face corrosion with use of PA probe placed onto the flange

Detection and evaluation of the flange face corrosion
with use of PA probe placed onto the taper



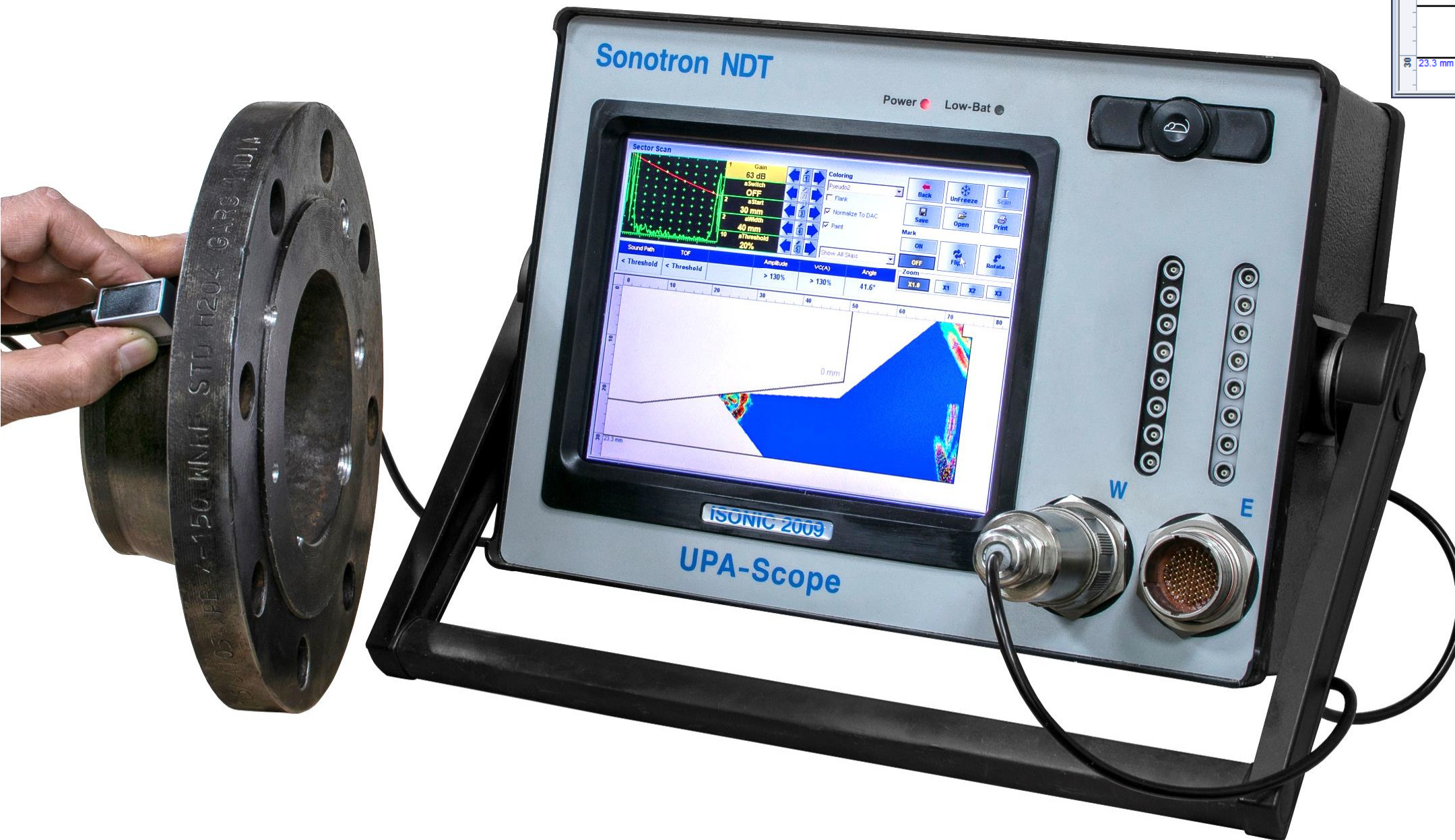
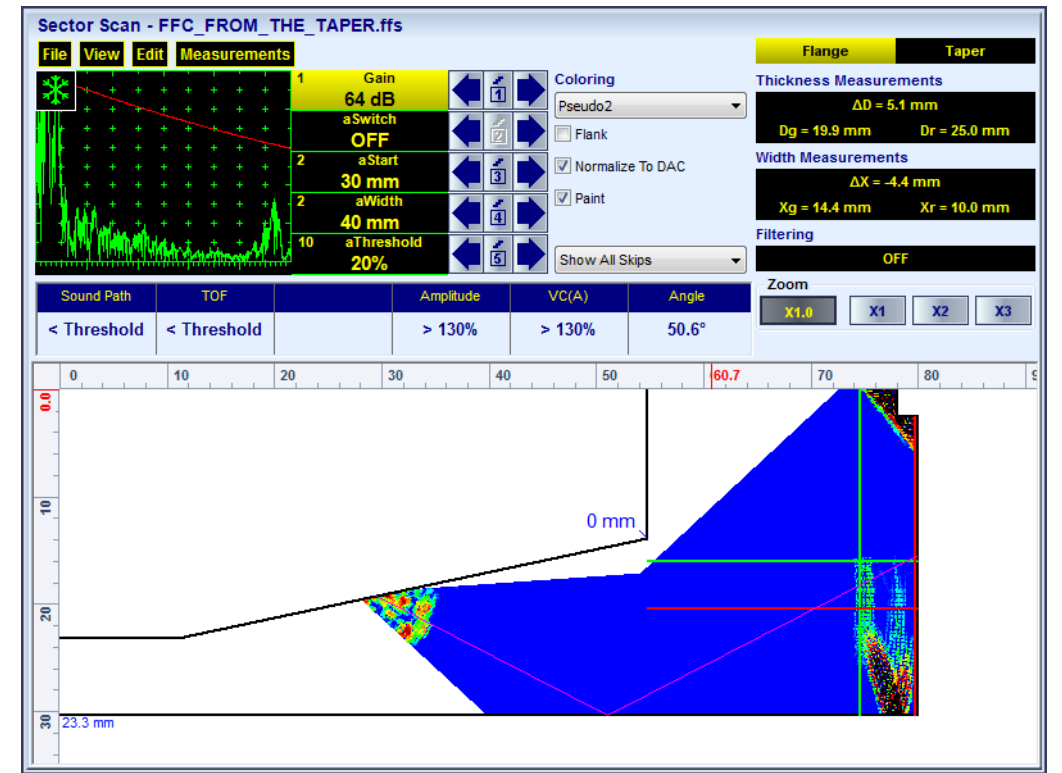


| Item | Order Code (Part #) |
|--|---------------------|
| <p>Inspection SW Application for ISONIC 2009 UPA-Scope - Phased Array Modality: Expert FFC - Detection, Imaging, and Evaluation of Flange Face Corrosion</p> <ul style="list-style-type: none"> ⇒ True-To-Geometry Flange Face Overlay Volume Corrected Imaging - Cross Sectional and Top (C-Scan)- / Side- / End- View and 3D ⇒ Sector-Scan Cross Sectional Coverage with Probe Placed Either on the Taper, Pipe Wall, or Flange ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇒ DAC / TCG Normalization ⇒ Built-In Flange Geometry Editor and Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ Automatic Coupling Monitor ⇒ Encoded and Time based C-Scan ⇒ 100% Raw Data Capturing ⇒ FMC/TFM Protocol for the data acquisition and imaging ⇒ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇒ Automatic Creation of Editable Defects List ⇒ Comprehensive Postprocessing Including: <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Views from the Recorded C-Scans → Converting Recorded C-Scans or their Segments into 3D Images → Off-Line Gain Manipulation → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Creation of Defect List and Storing it Into a Separate File → Automatic creating of inspection reports - hard copy / PDF File | SWA 909819 |



Detection and evaluation of the flange face corrosion with use of PA probe placed onto the flange

Detection and evaluation of the flange face corrosion
with use of PA probe placed onto the taper



| Item | Order Code (Part #) |
|---|---------------------|
| <p>Inspection SW Application for ISONIC 2010 / ISONIC 2010 EL - Phased Array Modality: Expert FFC - Detection, Imaging, and Evaluation of Flange Face Corrosion</p> <ul style="list-style-type: none"> ⇒ True-To-Geometry Flange Face Overlay Volume Corrected Imaging - Cross Sectional and Top (C-Scan)- / Side- / End- View and 3D ⇒ Sector-Scan Cross Sectional Coverage with Probe Placed Either on the Taper, Pipe Wall, or Flange ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇒ DAC / TCG Normalization ⇒ Built-In Flange Geometry Editor and Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ Automatic Coupling Monitor ⇒ Encoded and Time based C-Scan ⇒ 100% Raw Data Capturing ⇒ FMC/TFM Protocol for the data acquisition and imaging ⇒ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇒ Automatic Creation of Editable Defects List ⇒ Comprehensive Postrprocessing Including: <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Views from the Recorded C-Scans → Converting Recorded C-Scans or their Segments into 3D Images → Off-Line Gain Manipulation → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Creation of Defect List and Storing it Into a Separate File → Automatic creating of inspection reports - hard copy / PDF File | SWA 910819 |

Detection and evaluation of the flange face corrosion with use of PA probe placed onto the flange



Detection and evaluation of the flange face corrosion
with use of PA probe placed onto the taper

