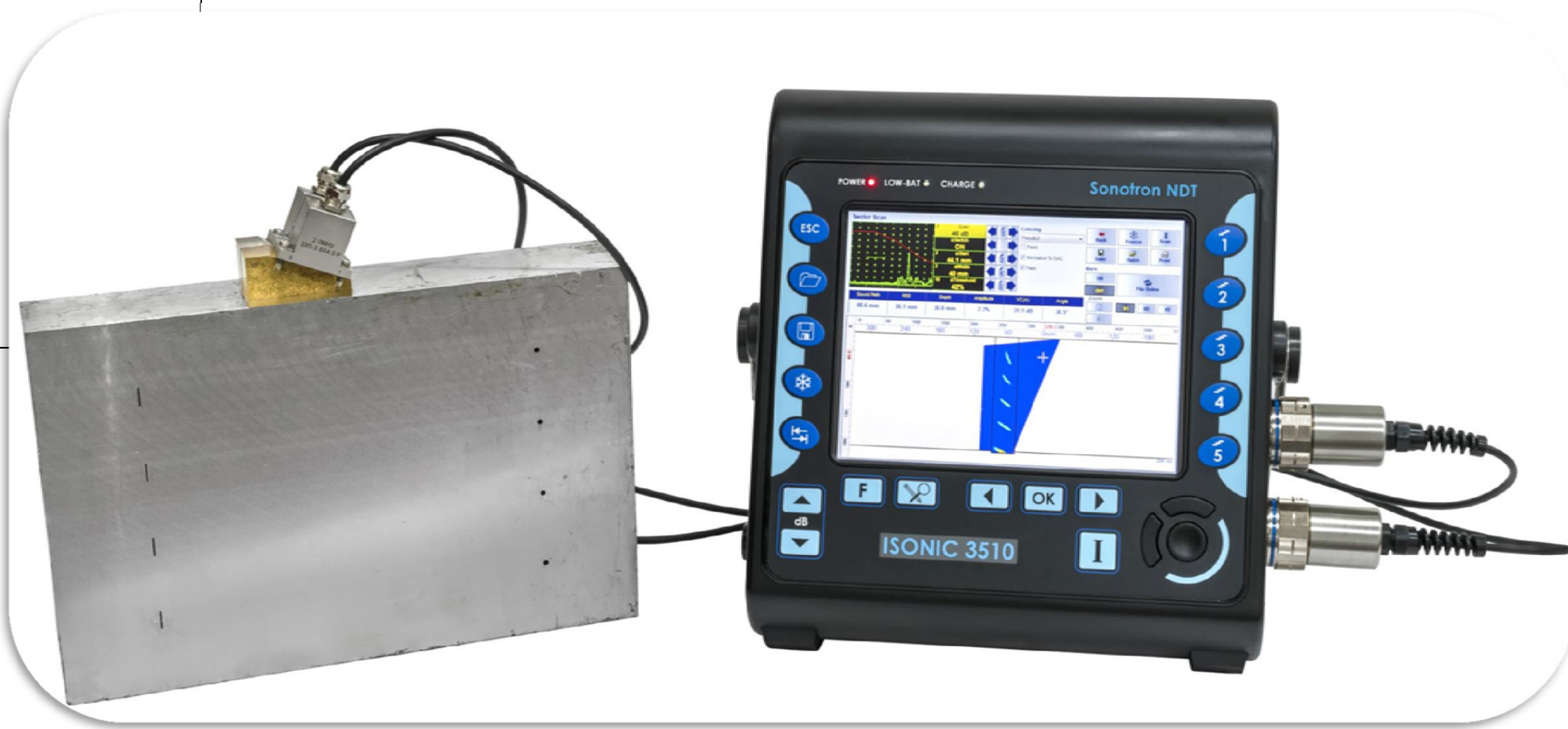
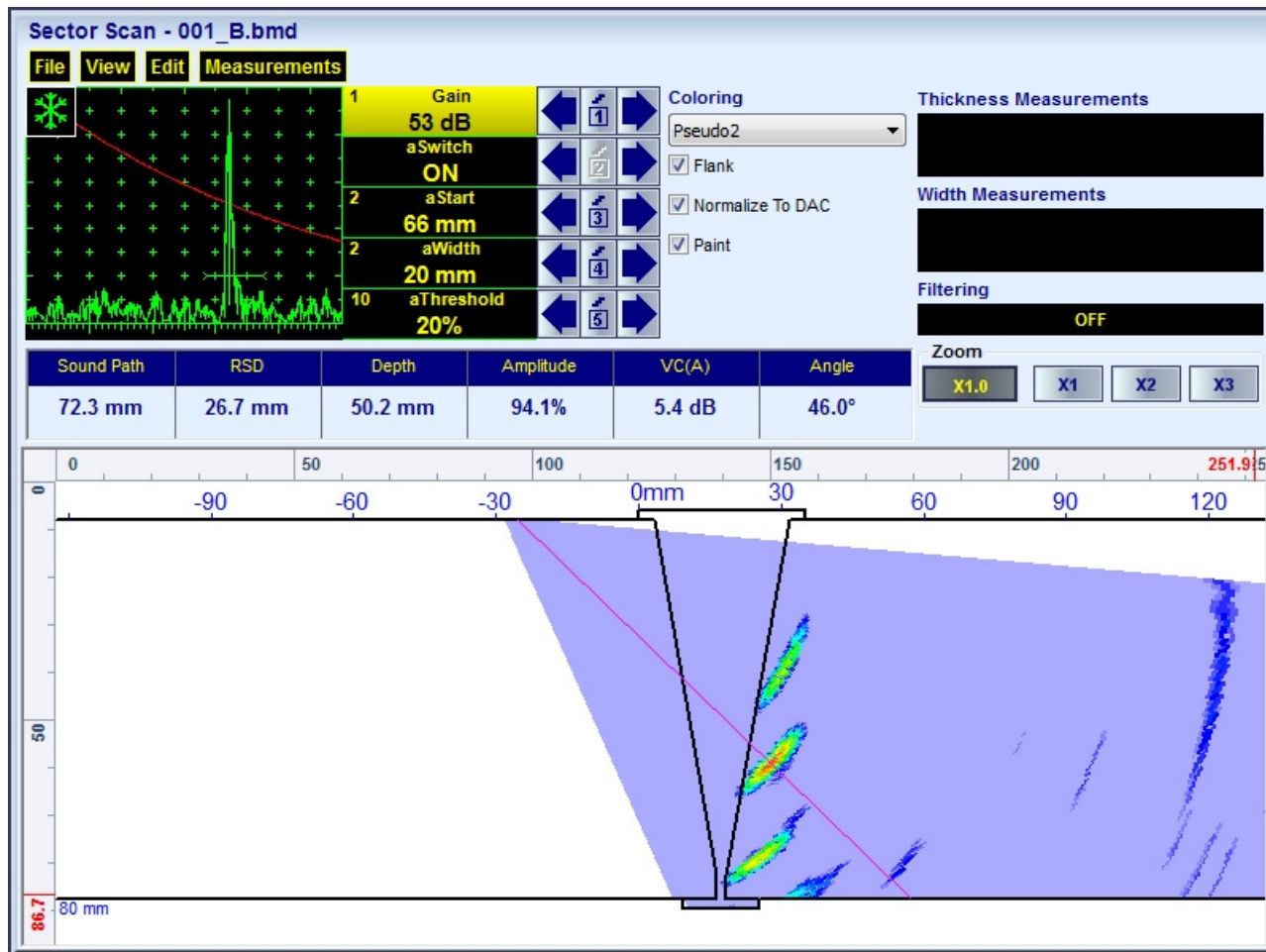


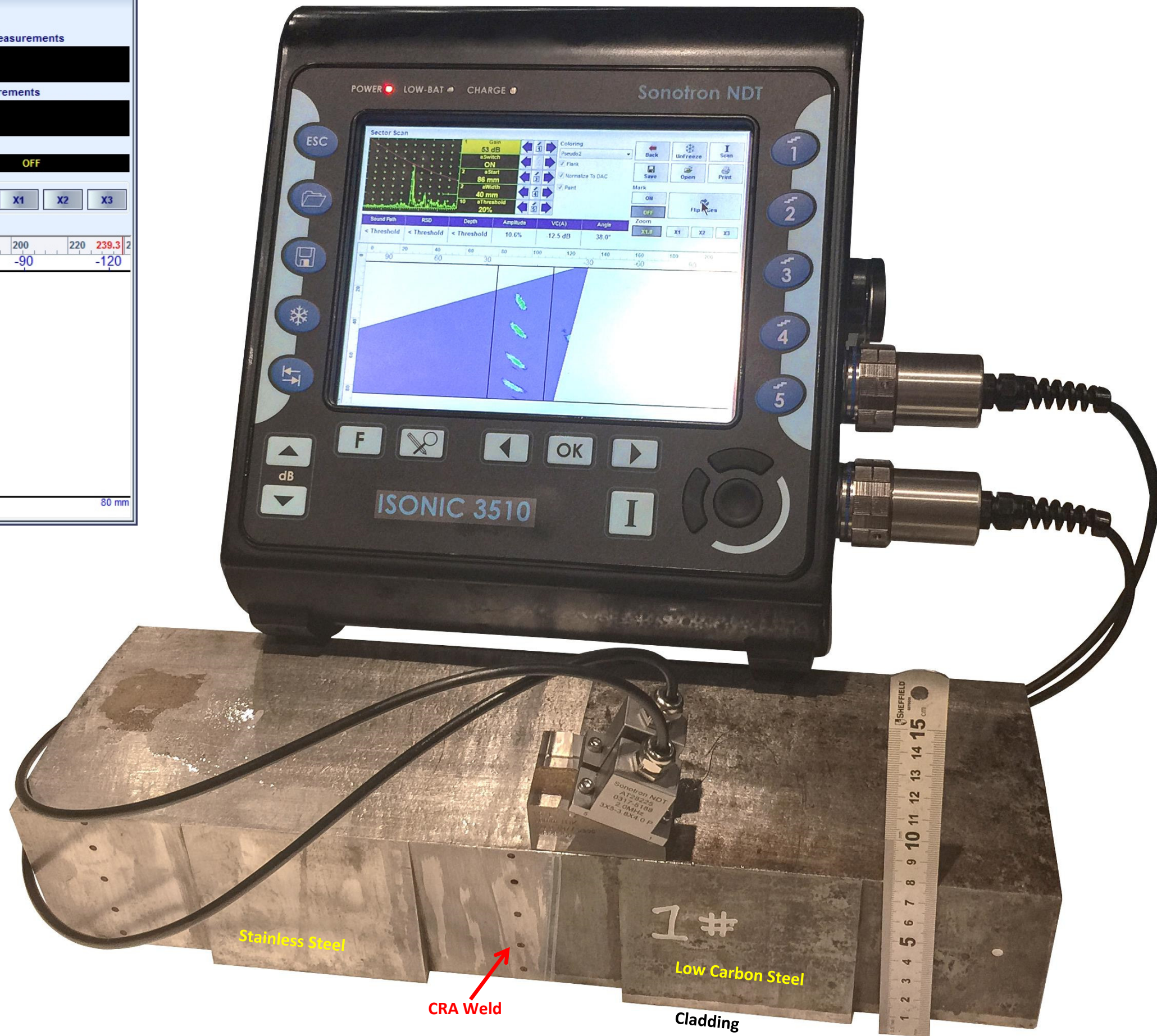
Item	Order Code (Part ##)
Inspection SW Application for ISONIC 3510 - Phased Array Modality: Expert DMA - Weld Inspection - planar cross section butt welds / girth welds made of CRA (Corrosion Resistant Alloys), Stainless Steel, and the like with use of the Dual Matrix Array (DMA) Probes	SWA 3510036
Inspection SW Application for ISONIC 2010 / ISONIC 2010 EL - Phased Array Modality: Expert DMA - Weld Inspection - planar cross section butt welds / girth welds made of CRA (Corrosion Resistant Alloys), Stainless Steel, and the like with use of the Dual Matrix Array (DMA) Probes	SWA 910836
Inspection SW Application for ISONIC 2009 UPA-Scope - Phased Array Modality: Expert DMA - Weld Inspection - planar cross section butt welds / girth welds made of CRA (Corrosion Resistant Alloys), Stainless Steel, and the like with use of the Dual Matrix Array (DMA) Probes	SWA 909836
<ul style="list-style-type: none"> ⇒ True-To-Geometry Weld Overlay Volume Corrected Imaging - Cross Sectional and Top (C-Scan) / Side- / End- View and 3D ⇒ Sector-Scan Cross Sectional Coverage ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View for DMA Probes ⇒ 3D beam forming / Two Planes Focusing Control ⇒ DAC / TCG Normalization ⇒ Built-In Weld Bevel Editor and Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ 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 ⇒ Puzzling Suitable C-Scan Inspection Record - Ability of Scanning Weld In Several Shots from Both Side with Storing a Number of Files Mergeable Into a Single File Inspection Report ⇒ Comprehensive Postprocessing Including: <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Views (Sector Scan / B-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 	

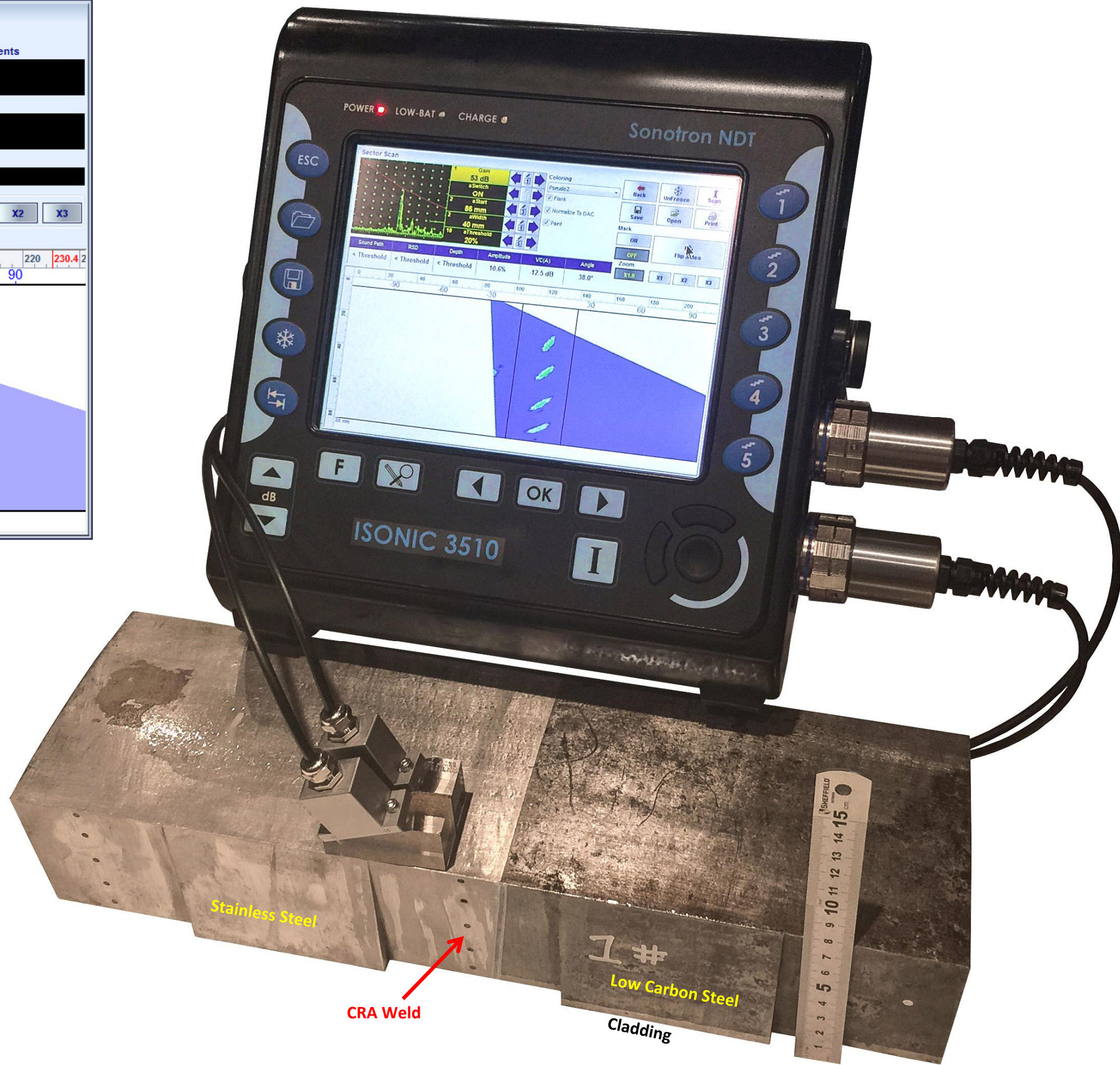
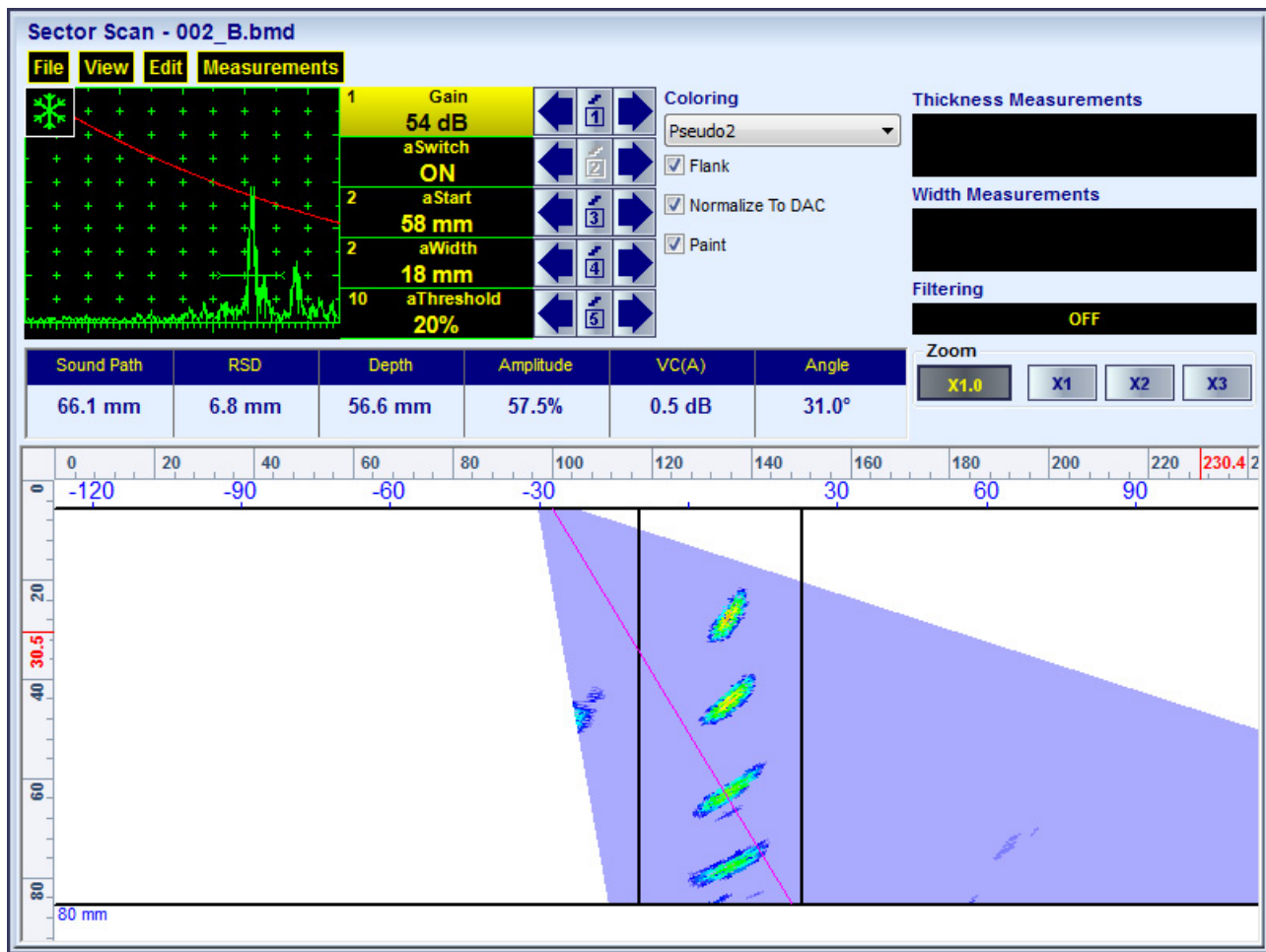


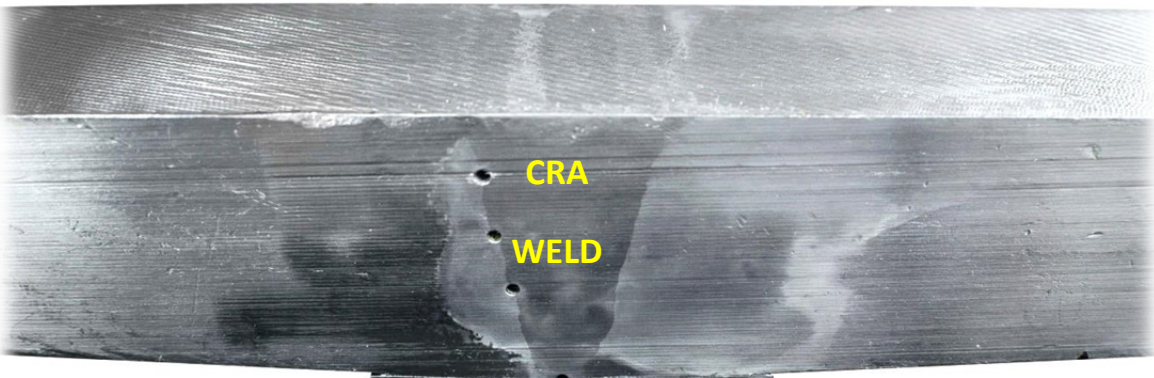




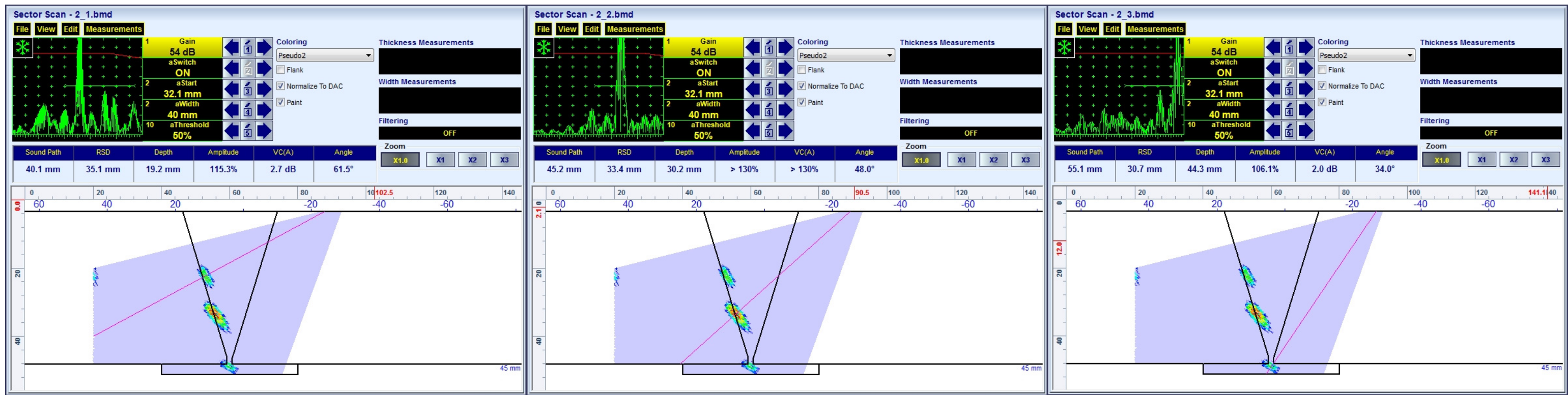
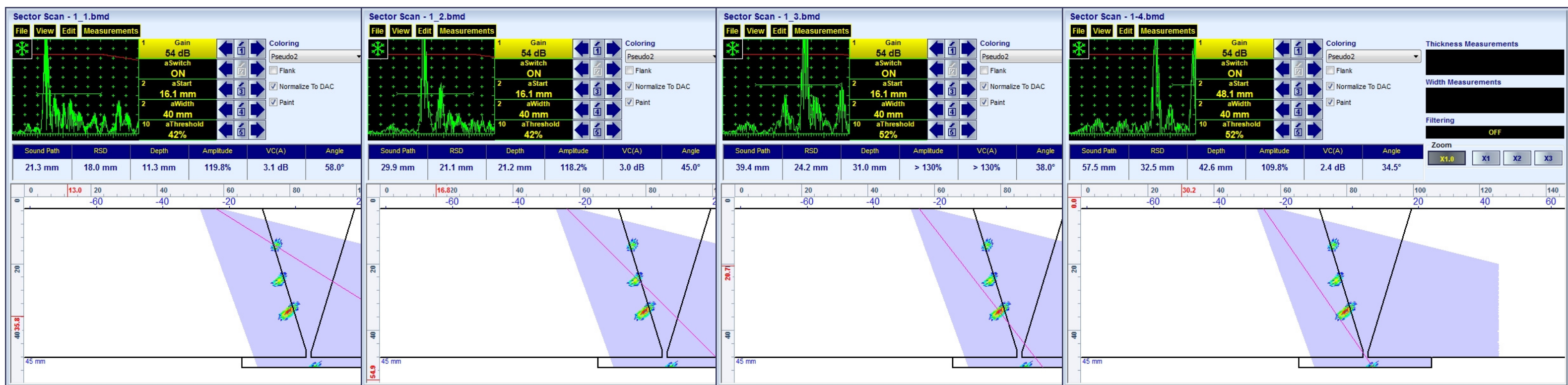








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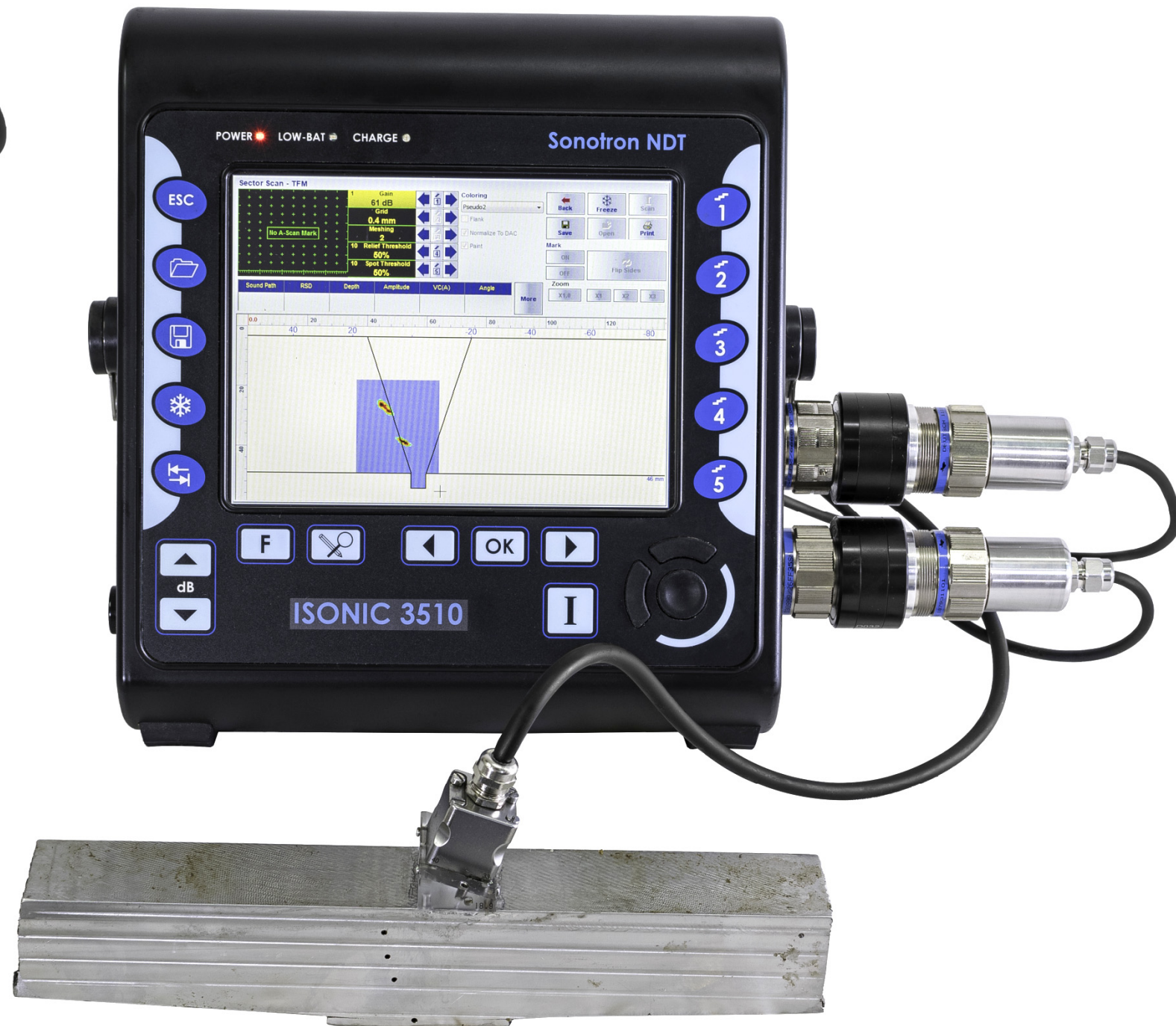


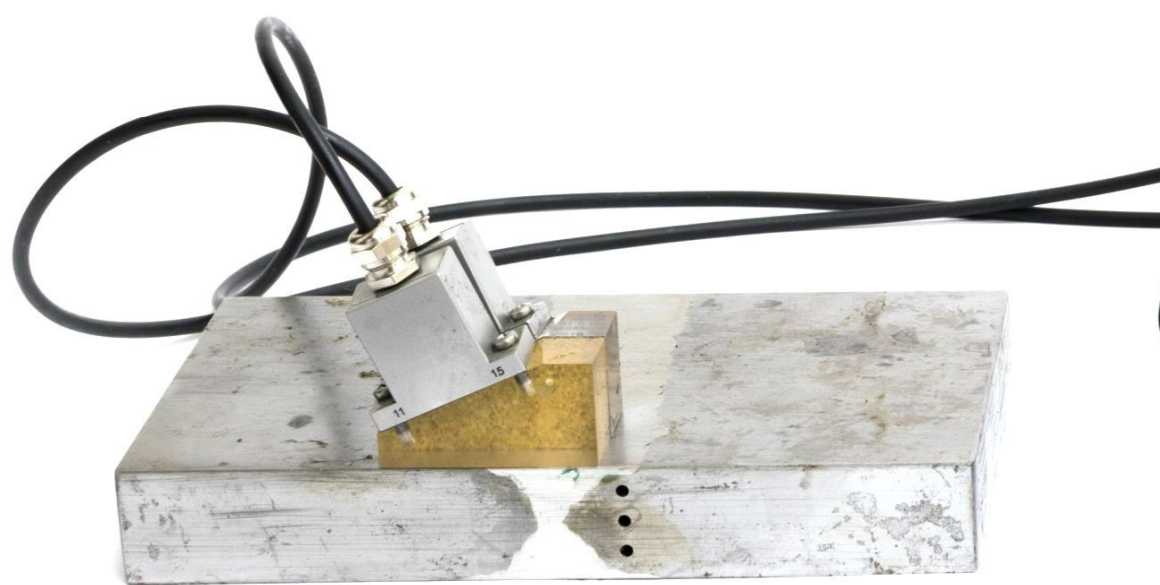
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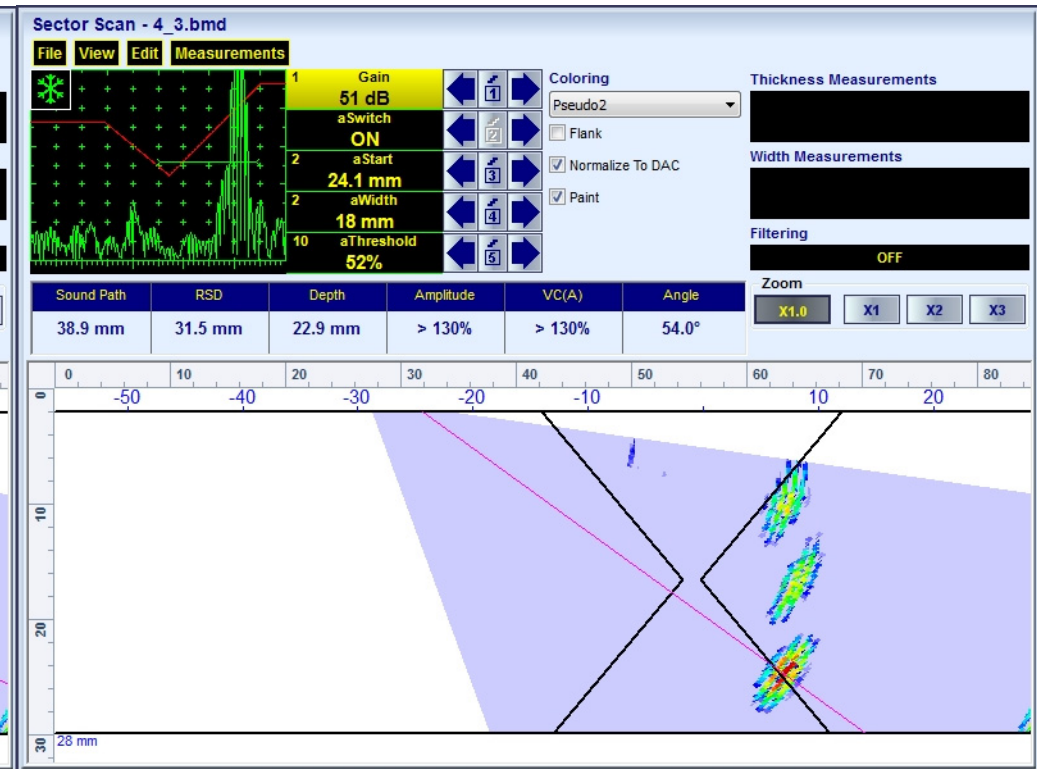
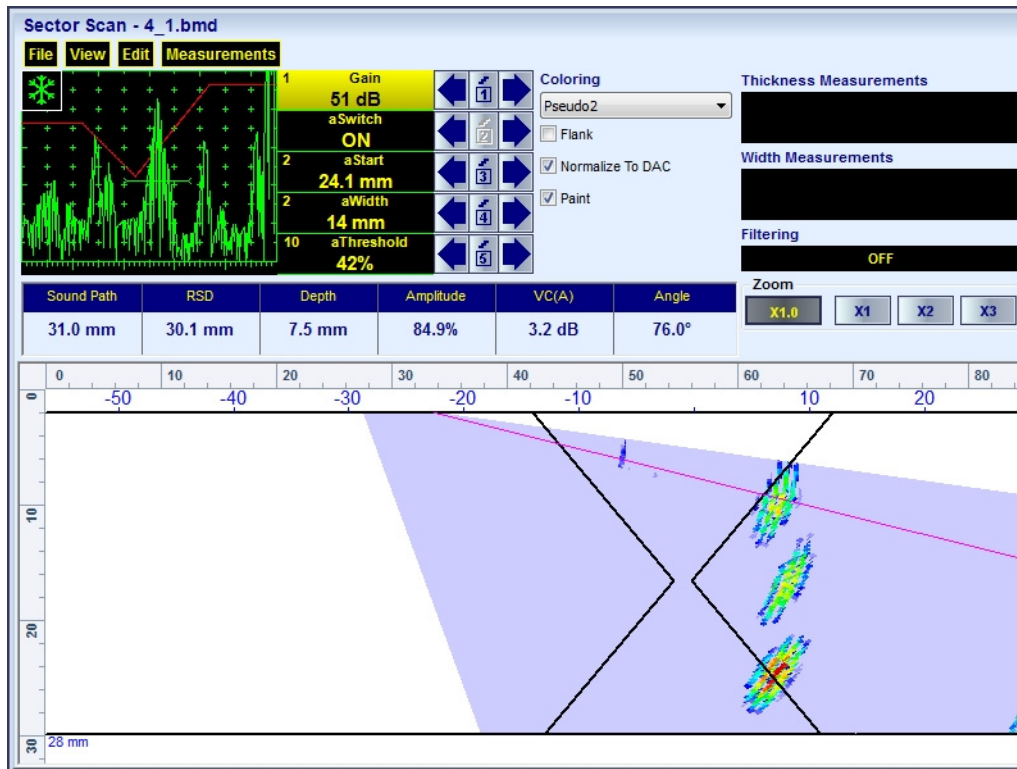
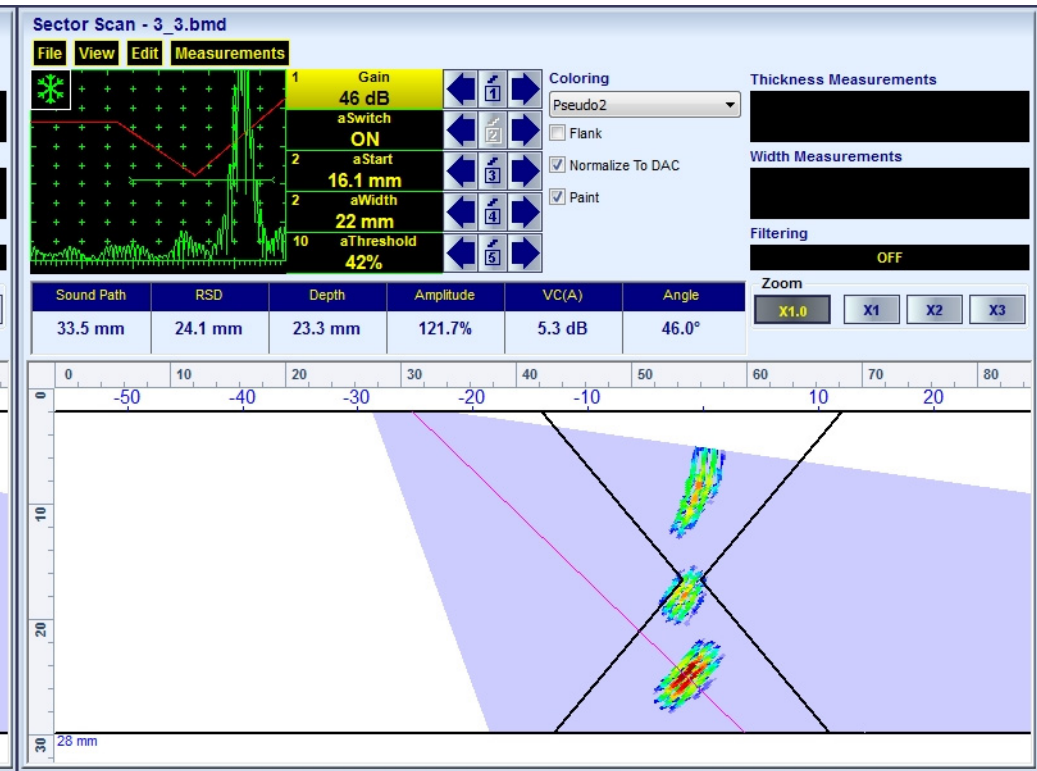
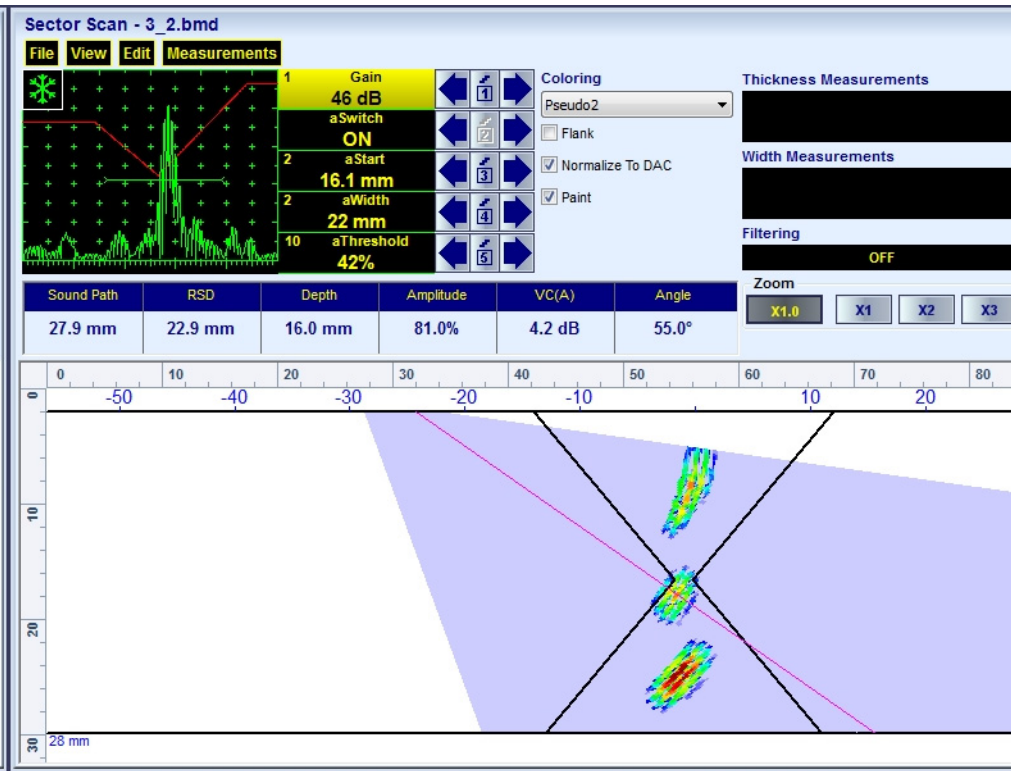
True-to-Geometry S-Scan

True-to-Geometry TFM

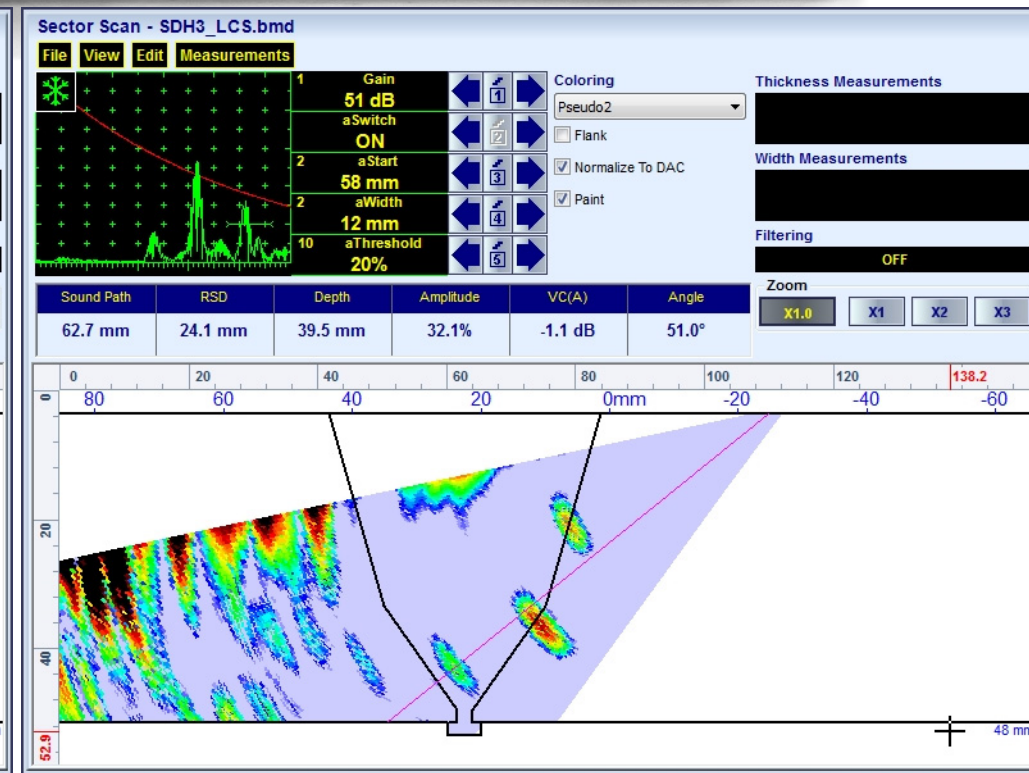
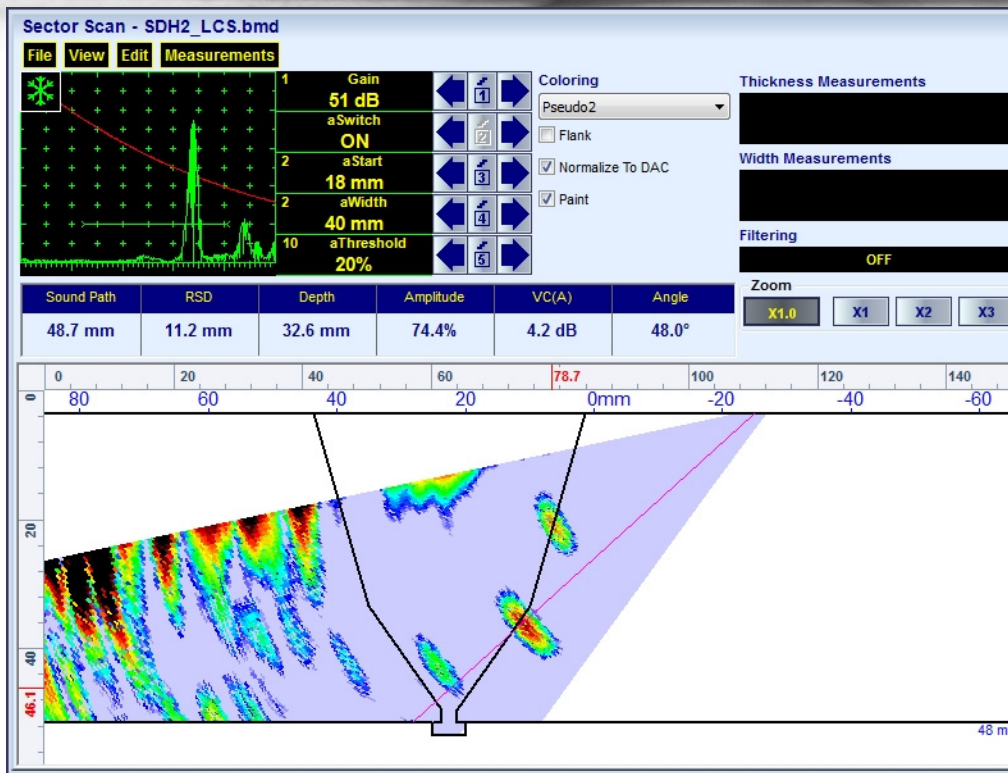
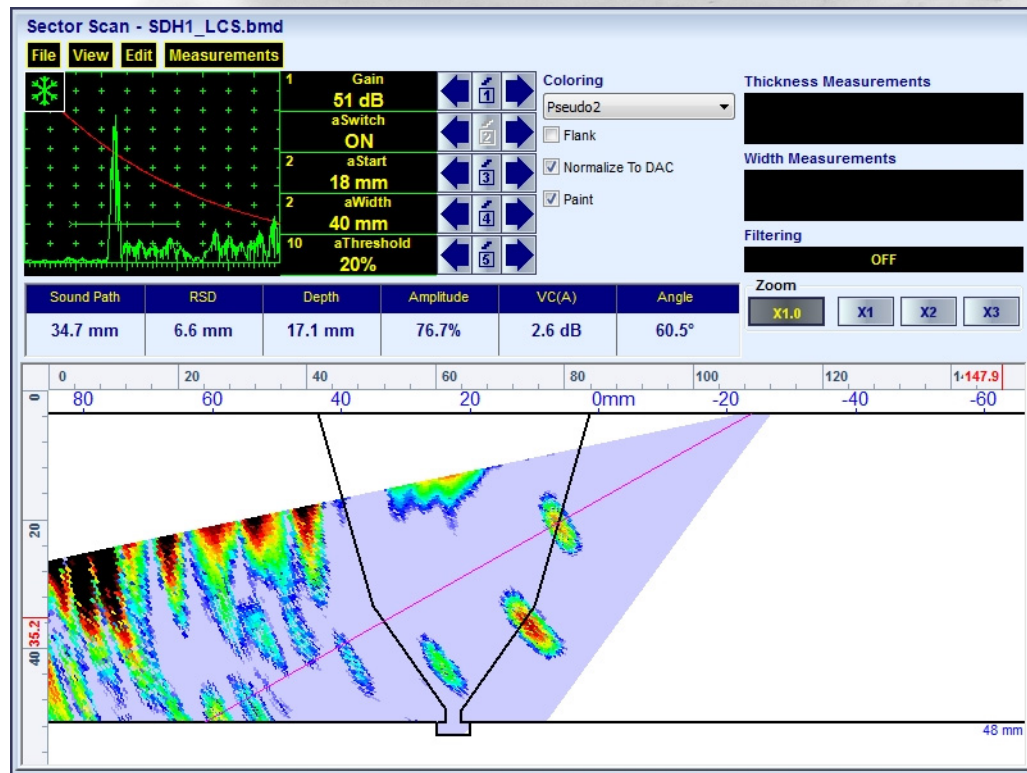
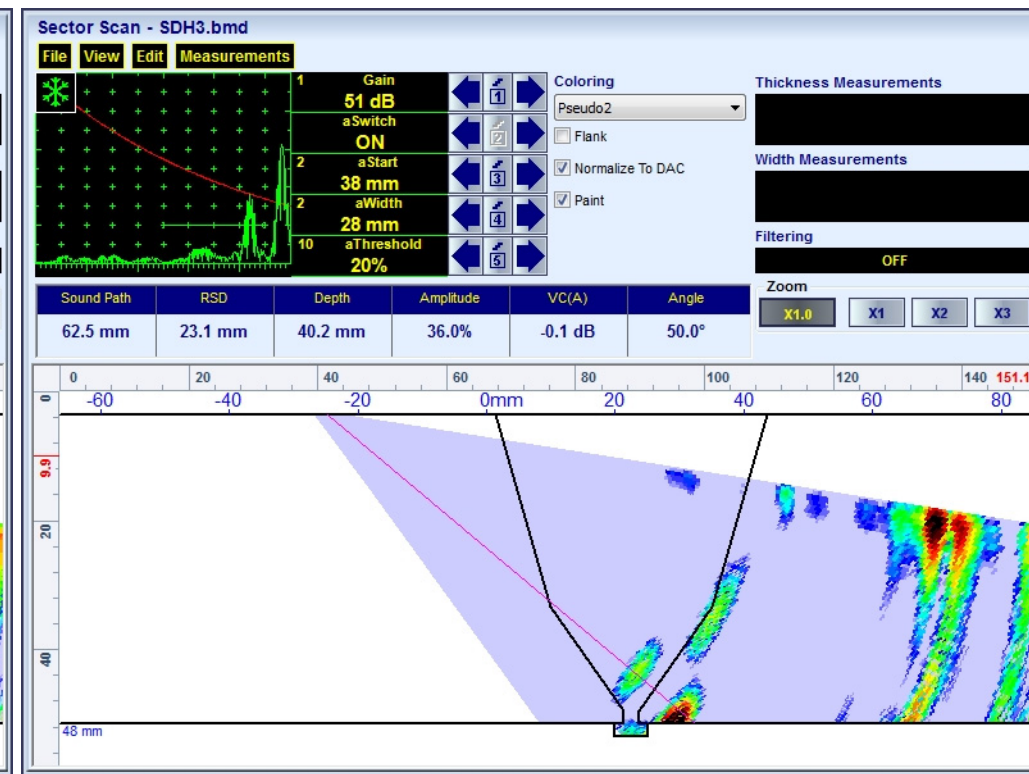
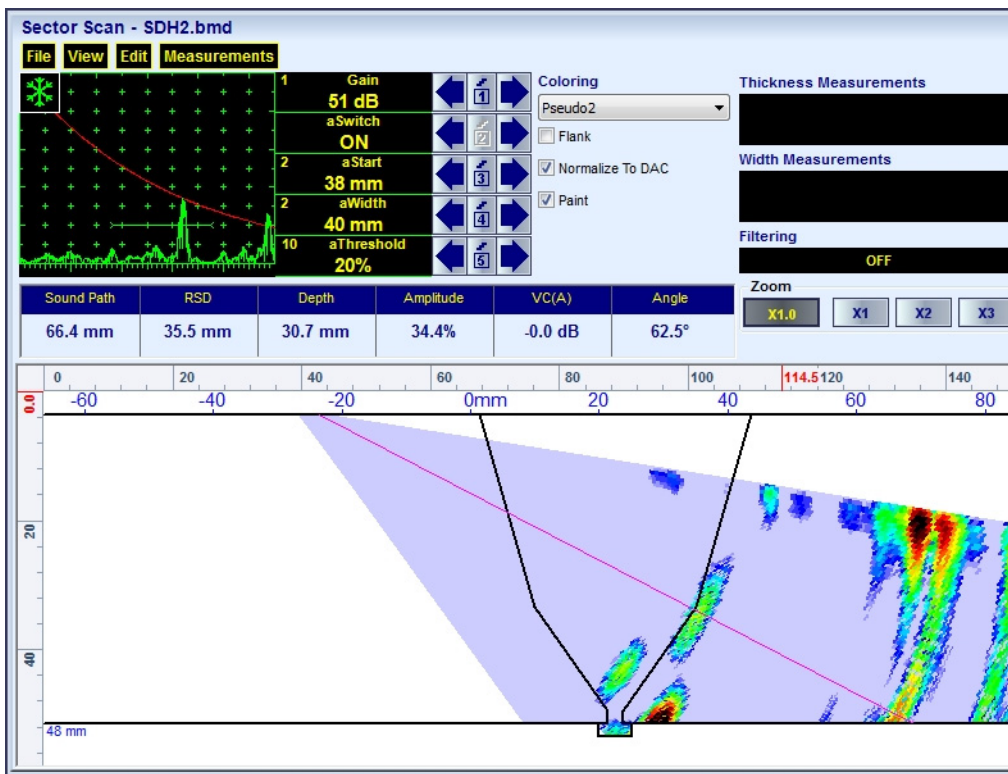
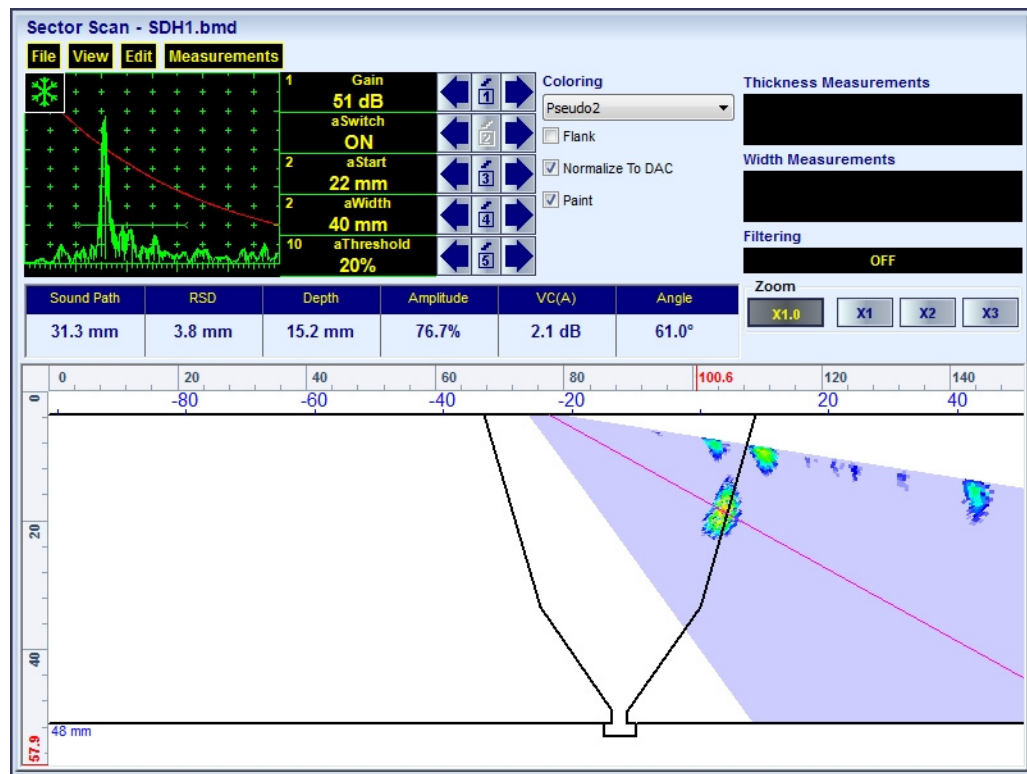


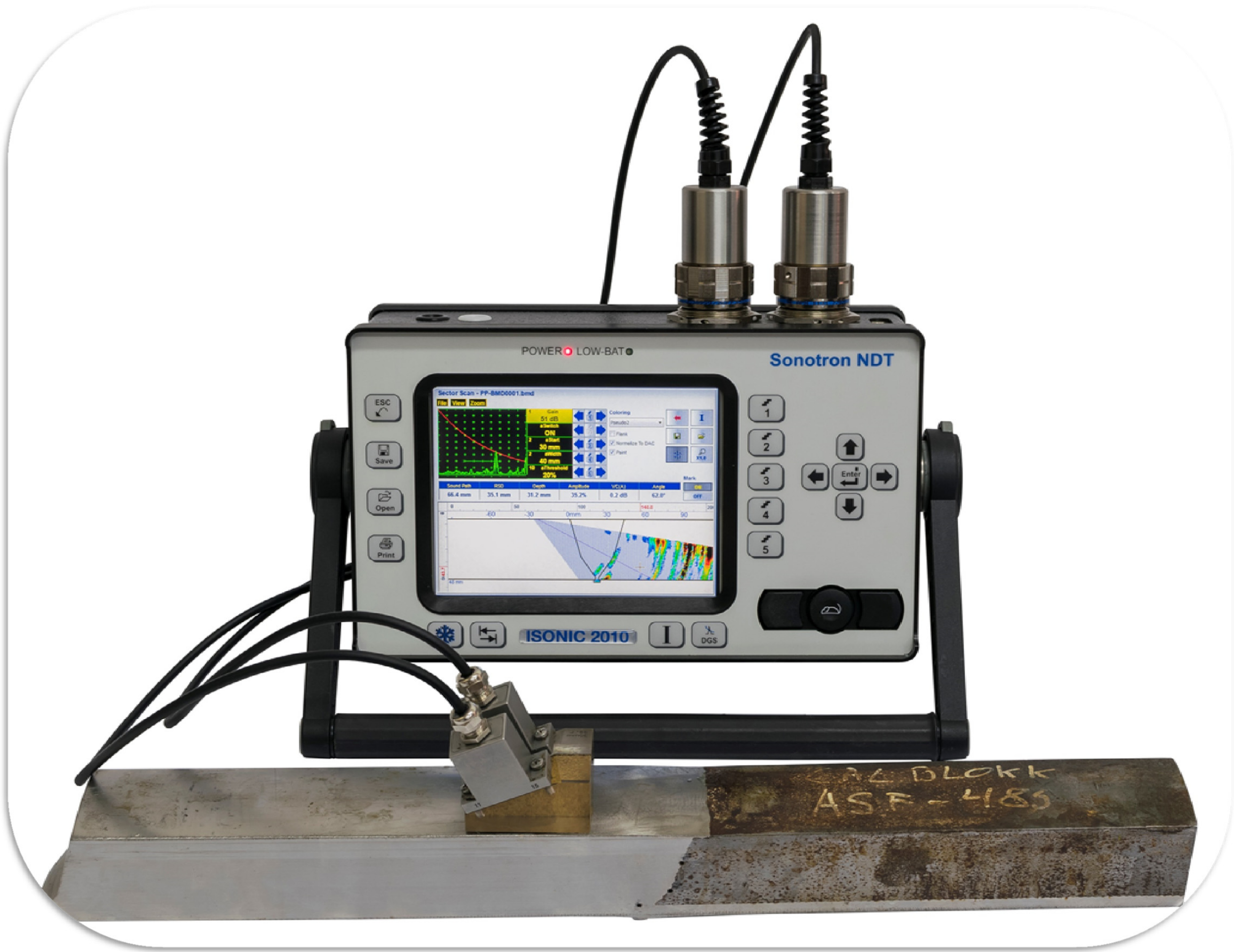


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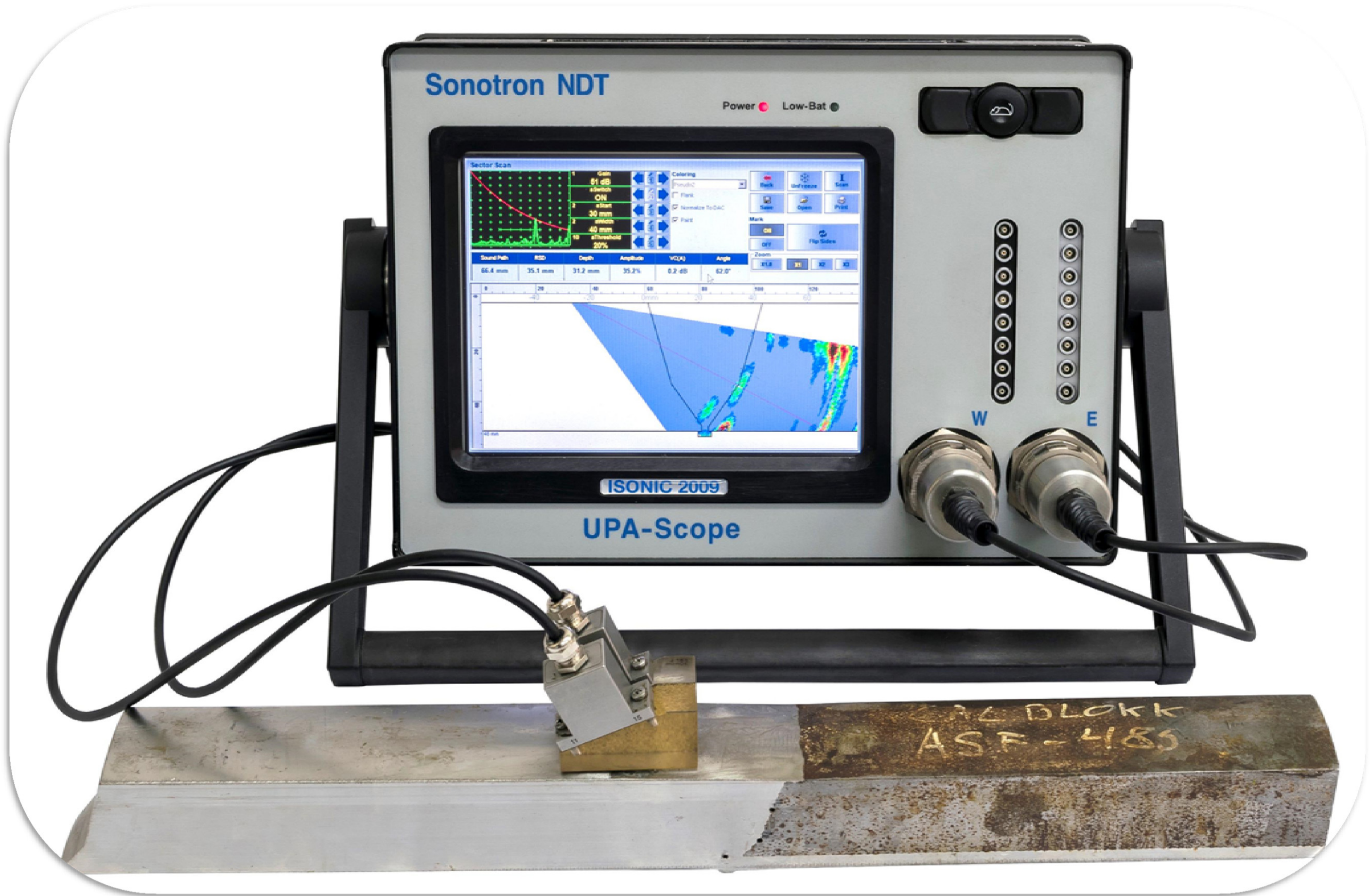






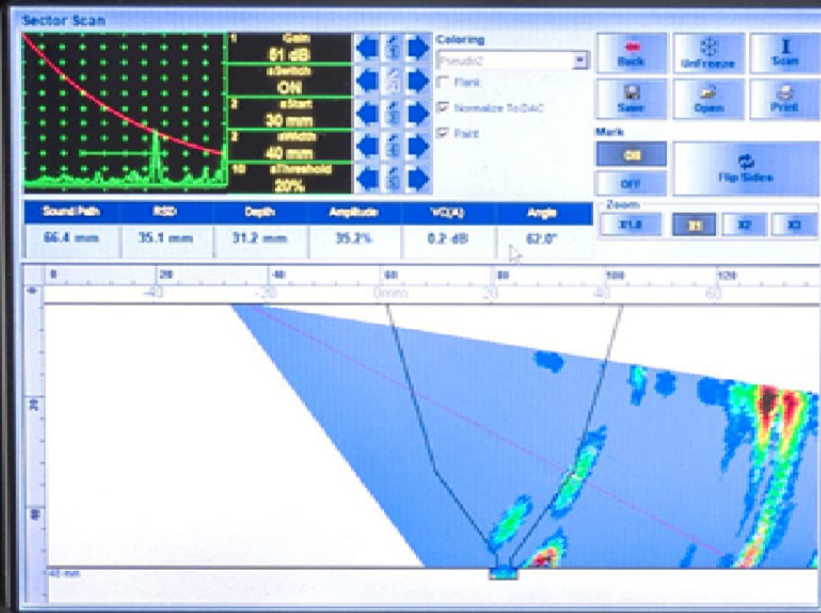
Sector Scan - PP-BMD0001.Smd

Sound Path	SID	Depth	Amplitude	VCI/1	Angle
66.4 mm	35.1 mm	31.2 mm	35.2%	0.2 dB	62.0°



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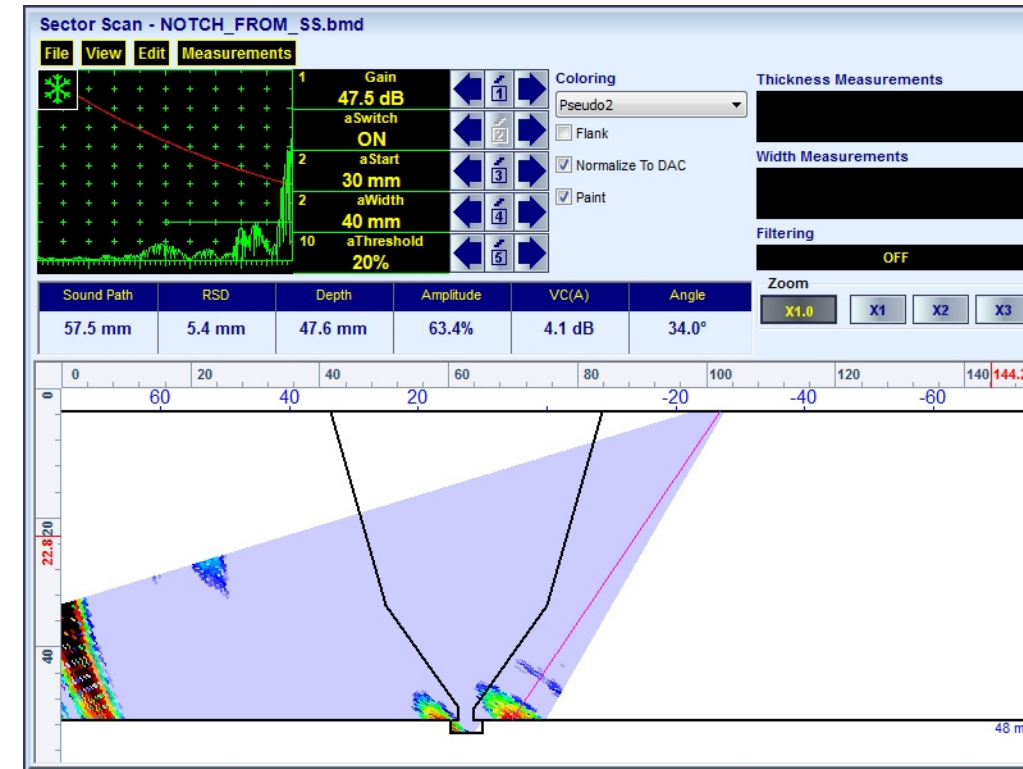
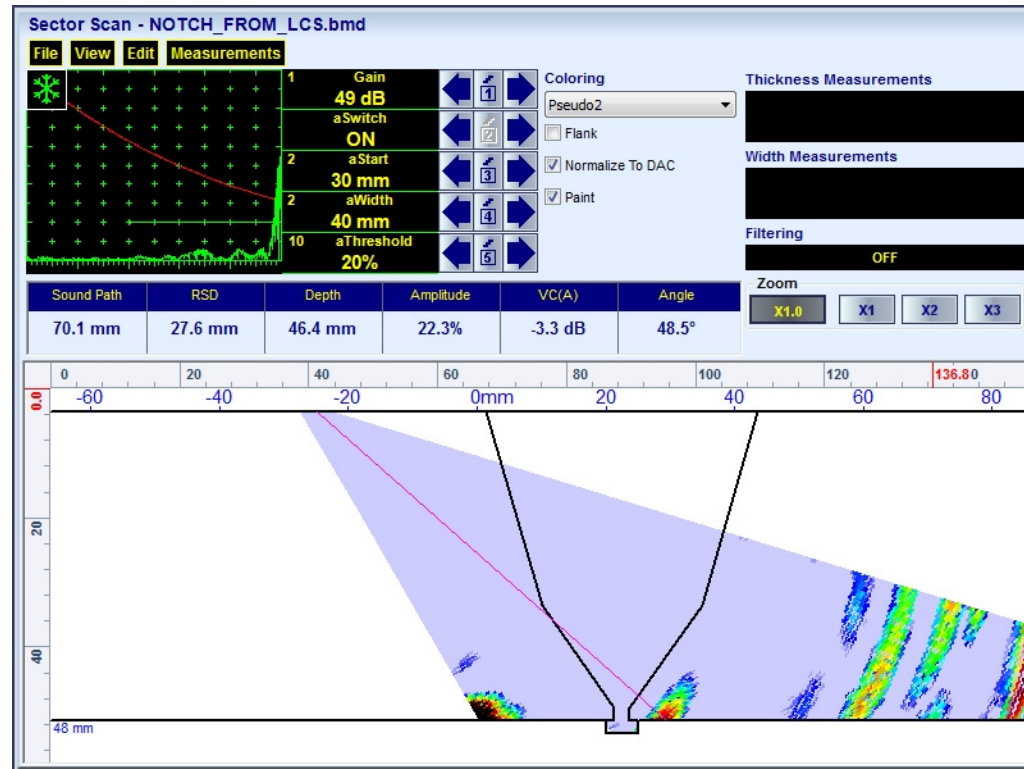


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UPA-Scope

20 BLOKK
ASF-4185



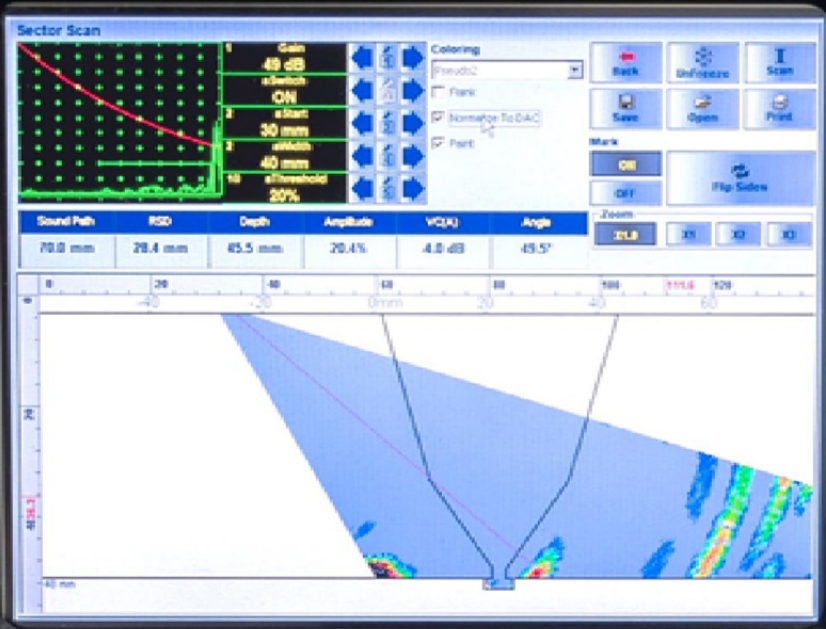






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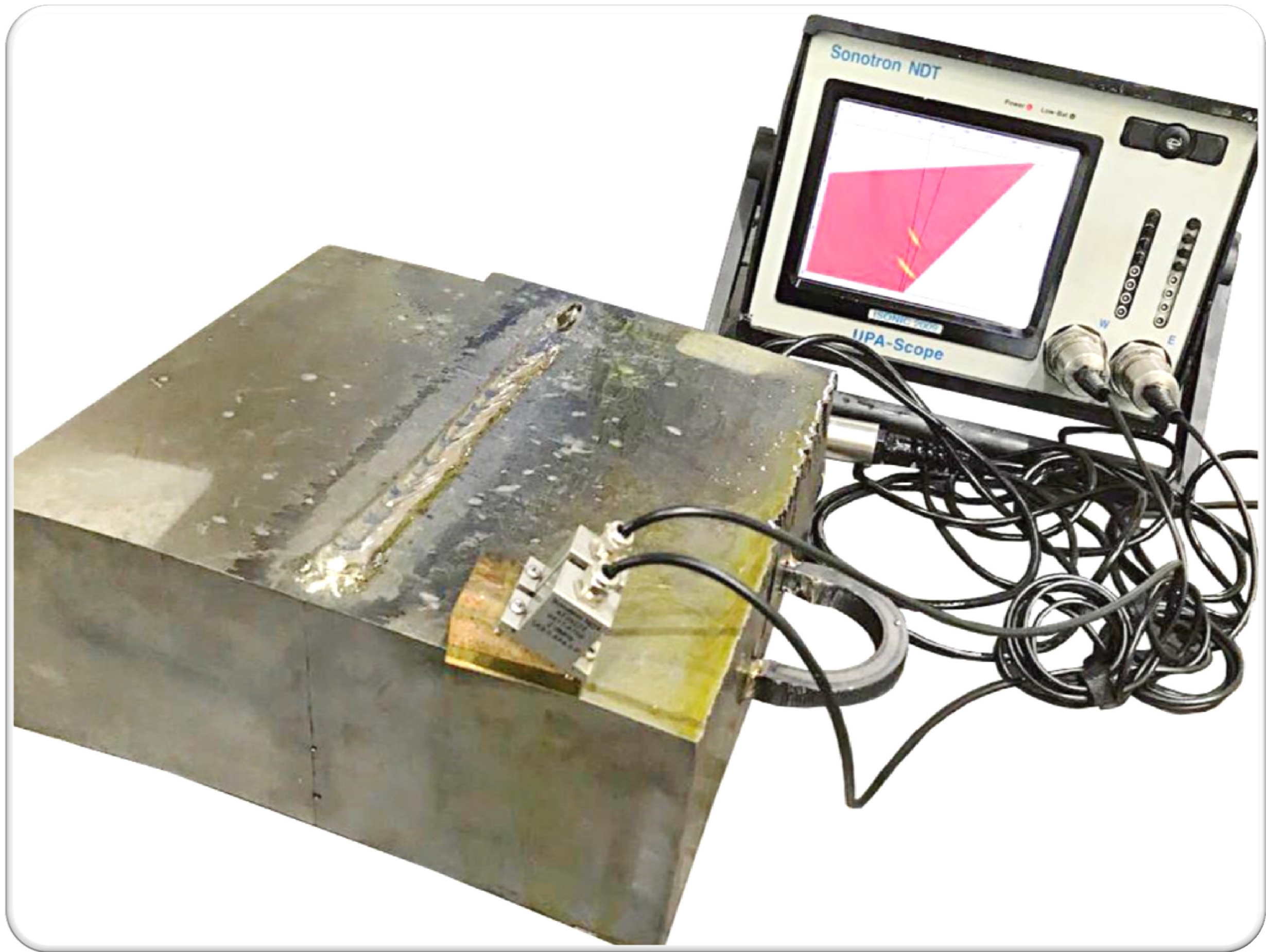
ISONIC 2009

UPA-Scope

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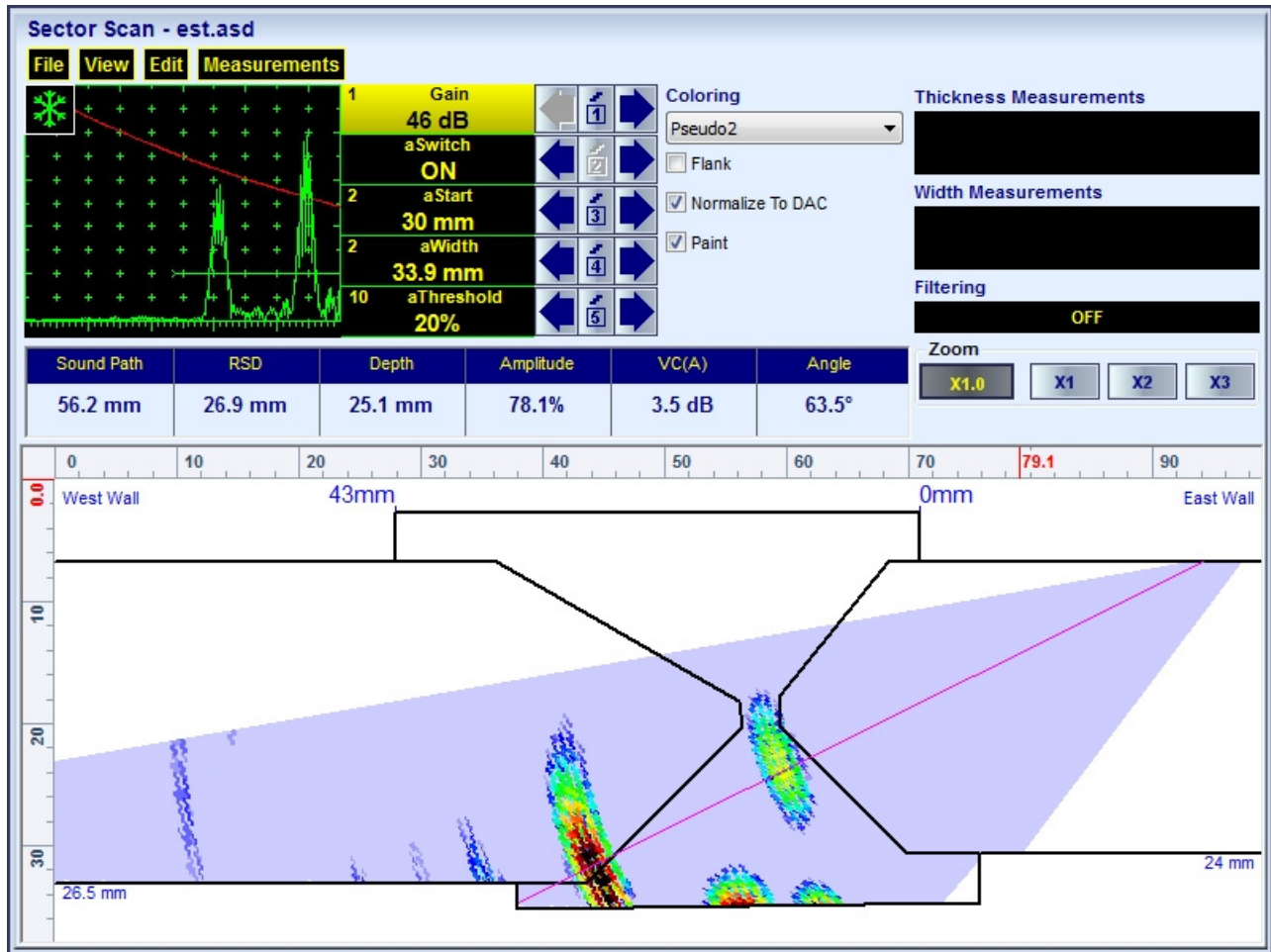
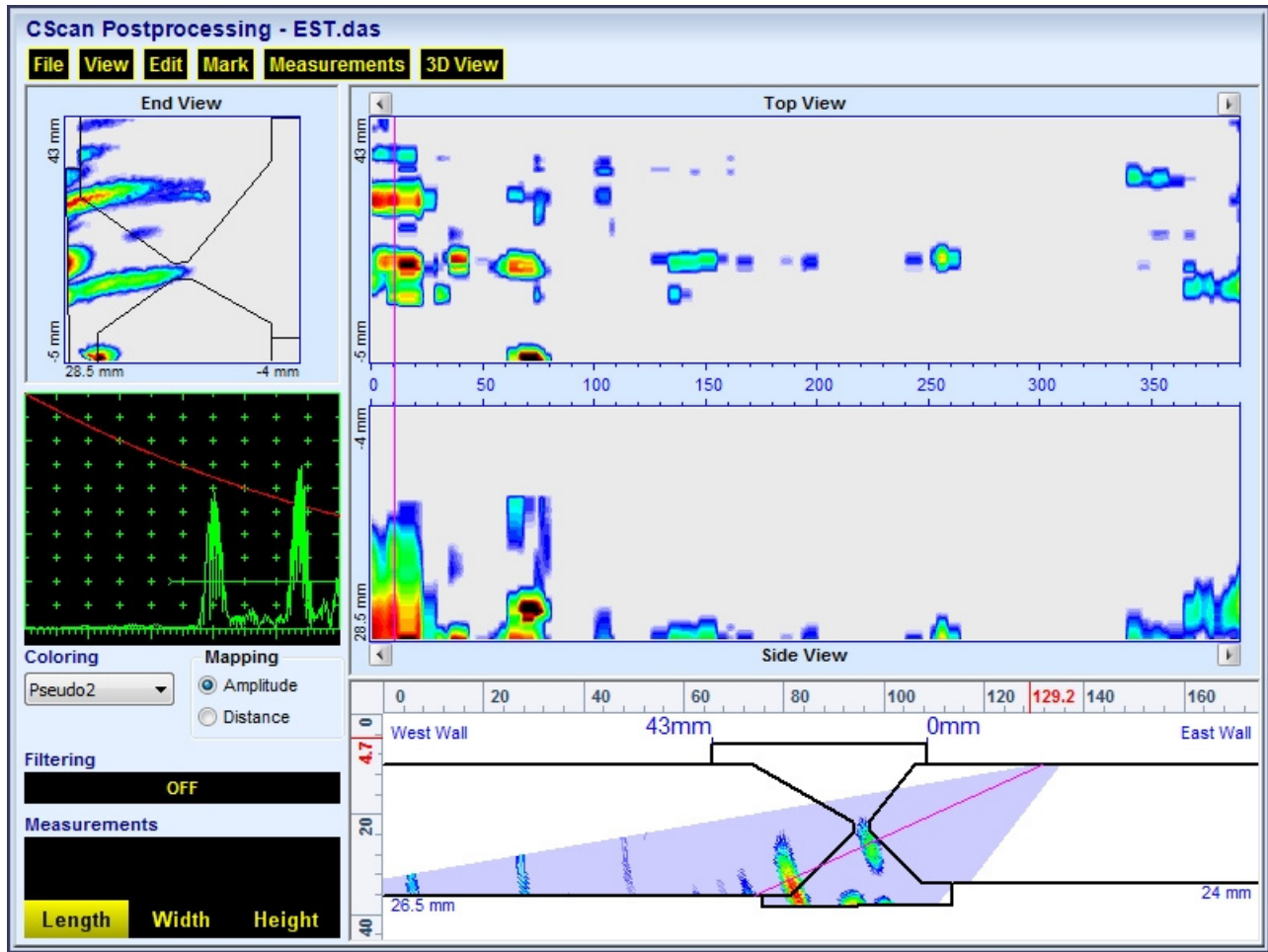
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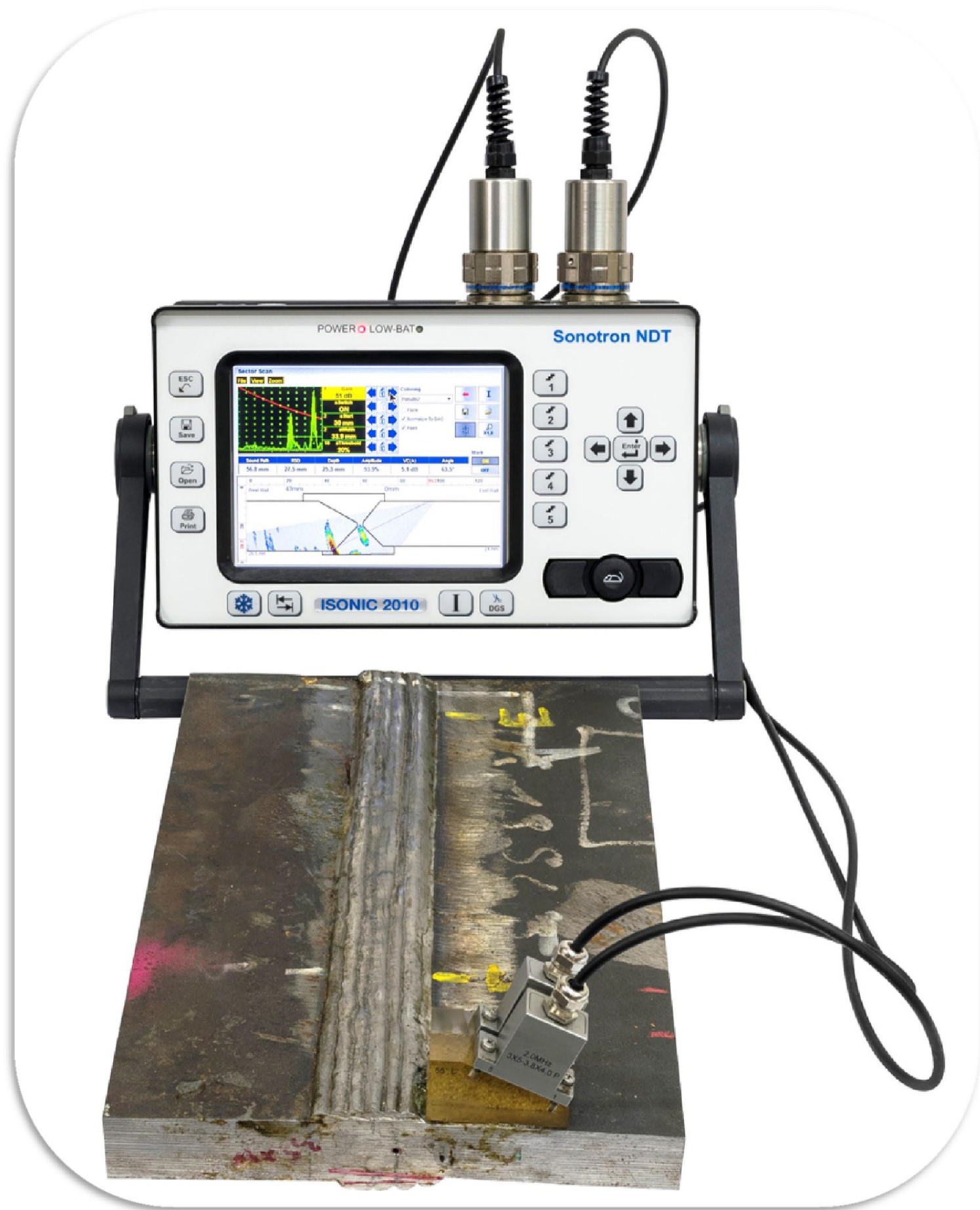




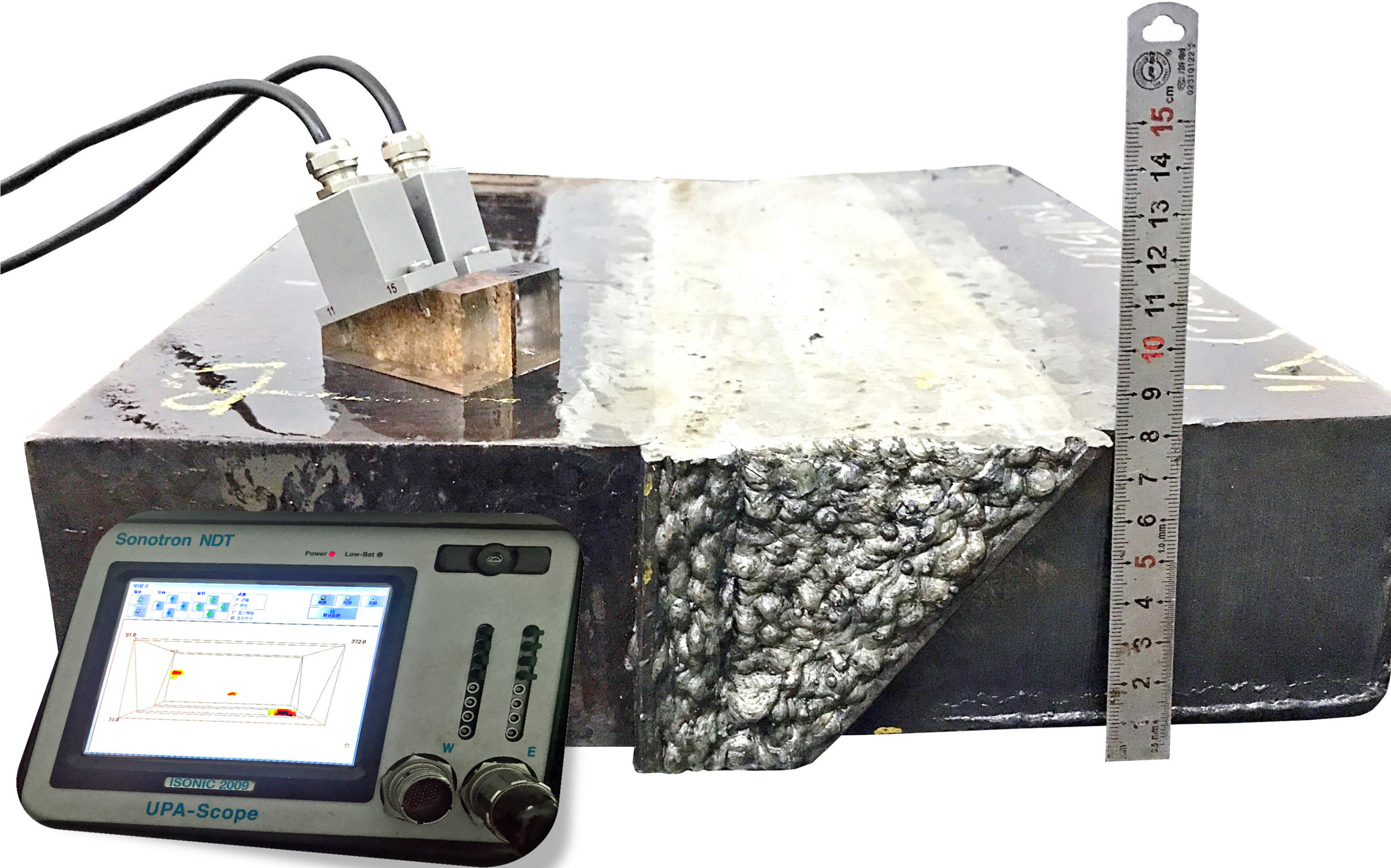
Item	Order Code (Part ##)
Inspection SW Application for ISONIC 3510 - Phased Array Modality: Expert A DMA - Weld Inspection - planar cross section butt welds / girth welds with symmetrical and asymmetrical bevel, unbeveled, misaligned, and the like made of CRA (Corrosion Resistant Alloys), Stainless Steel, and the like with use of the Dual Matrix Array (DMA) Probes	SWA 3510037
Inspection SW Application for ISONIC 2010 / ISONIC 2010 EL - Phased Array Modality: Expert A DMA - Weld Inspection - planar cross section butt welds / girth welds with symmetrical and asymmetrical bevel, unbeveled, misaligned, and the like made of CRA (Corrosion Resistant Alloys), Stainless Steel, and the like with use of the Dual Matrix Array (DMA) Probes	SWA 910837
Inspection SW Application for ISONIC ISONIC 2009 UPA-Scope - Phased Array Modality: Expert A DMA - Weld Inspection - planar cross section butt welds / girth welds with symmetrical and asymmetrical bevel, unbeveled, misaligned, and the like made of CRA (Corrosion Resistant Alloys), Stainless Steel, and the like with use of the Dual Matrix Array (DMA) Probes ⇒ True-To-Geometry Weld Overlay Volume Corrected Imaging - Cross Sectional and Top (C-Scan) / Side- / End- View and 3D ⇒ Sector-Scan Cross Sectional Coverage ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View for DMA Probes ⇒ 3D beam forming / Two Planes Focusing Control ⇒ DAC / TCG Normalization ⇒ Built-In Weld Bevel Editor and Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ 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 ⇒ Puzzling Suitable C-Scan Inspection Record - Ability of Scanning Weld In Several Shots from Both Side with Storing a Number of Files Mergeable Into a Single File Inspection Report ⇒ Comprehensive Postprocessing Including: → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Views (Sector Scan / B-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 909837











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UPA-Scope

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 802804
 55deg FD:60mm

NB/T47013-2015
 奥氏体不锈钢对接接头试块T-80
 材质: 304
 山东瑞祥模具有限公司制造
 No.1702235



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