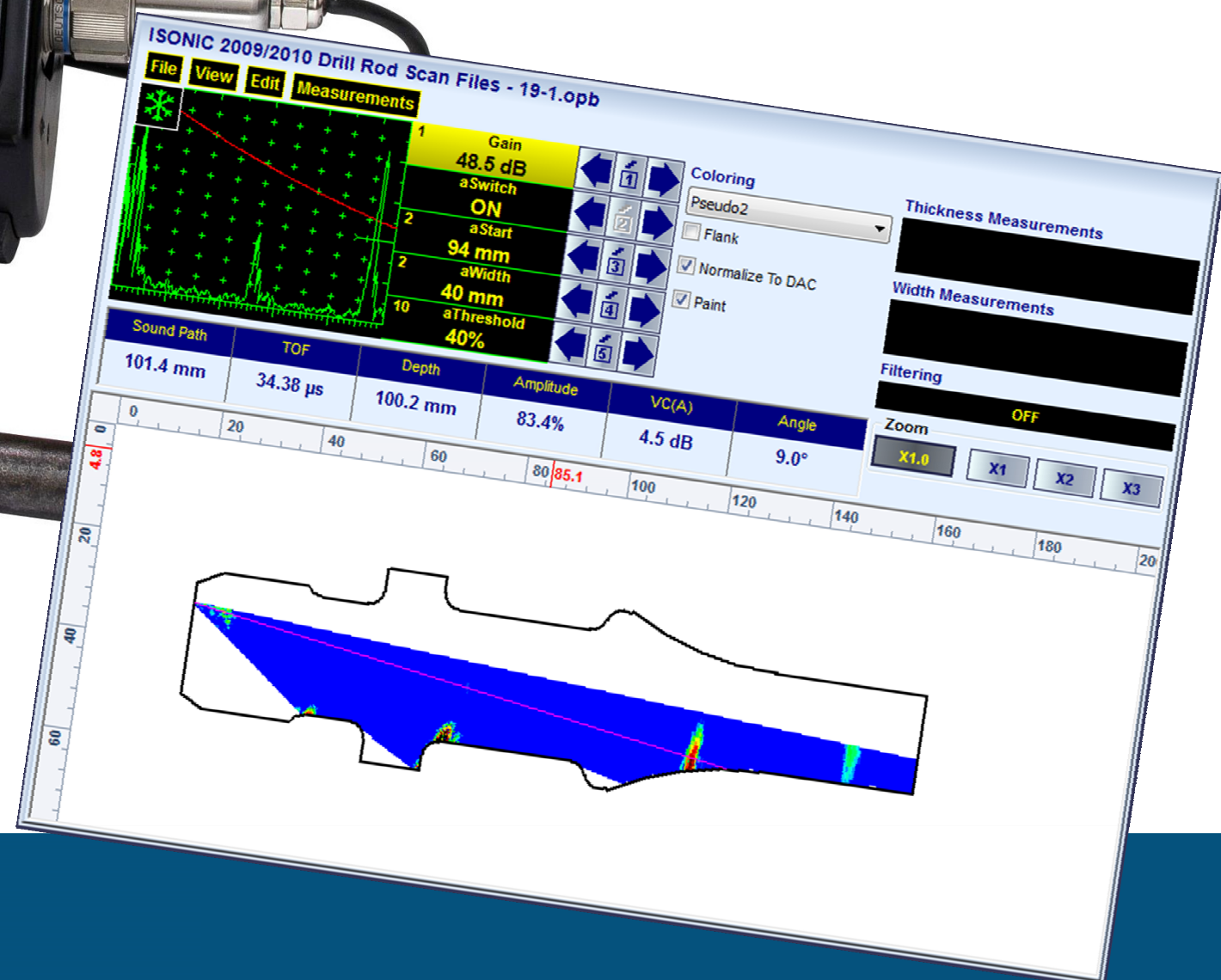


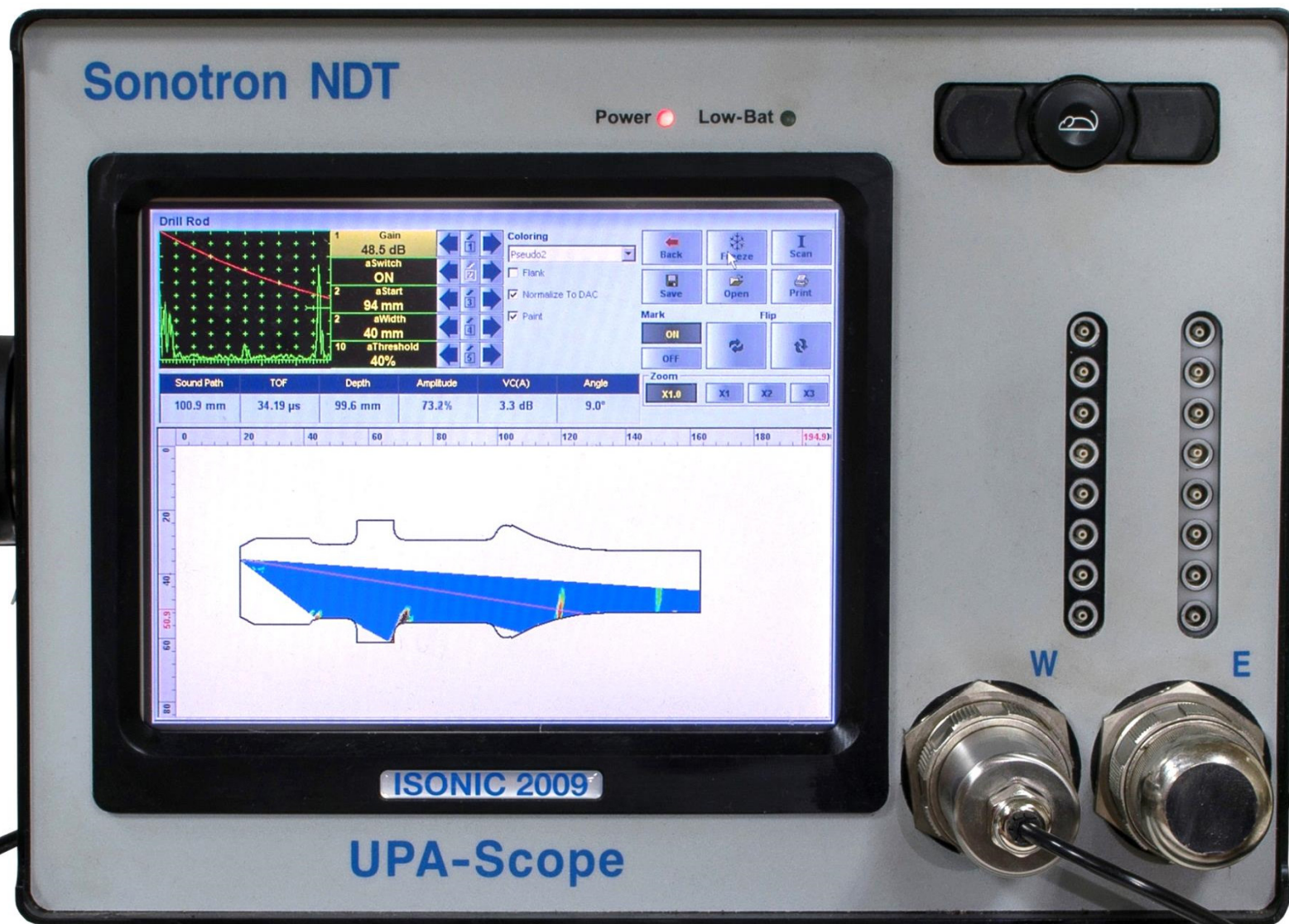


Inspection of the Drill Rod for the Transversal Cracks – Scanning from the End Side

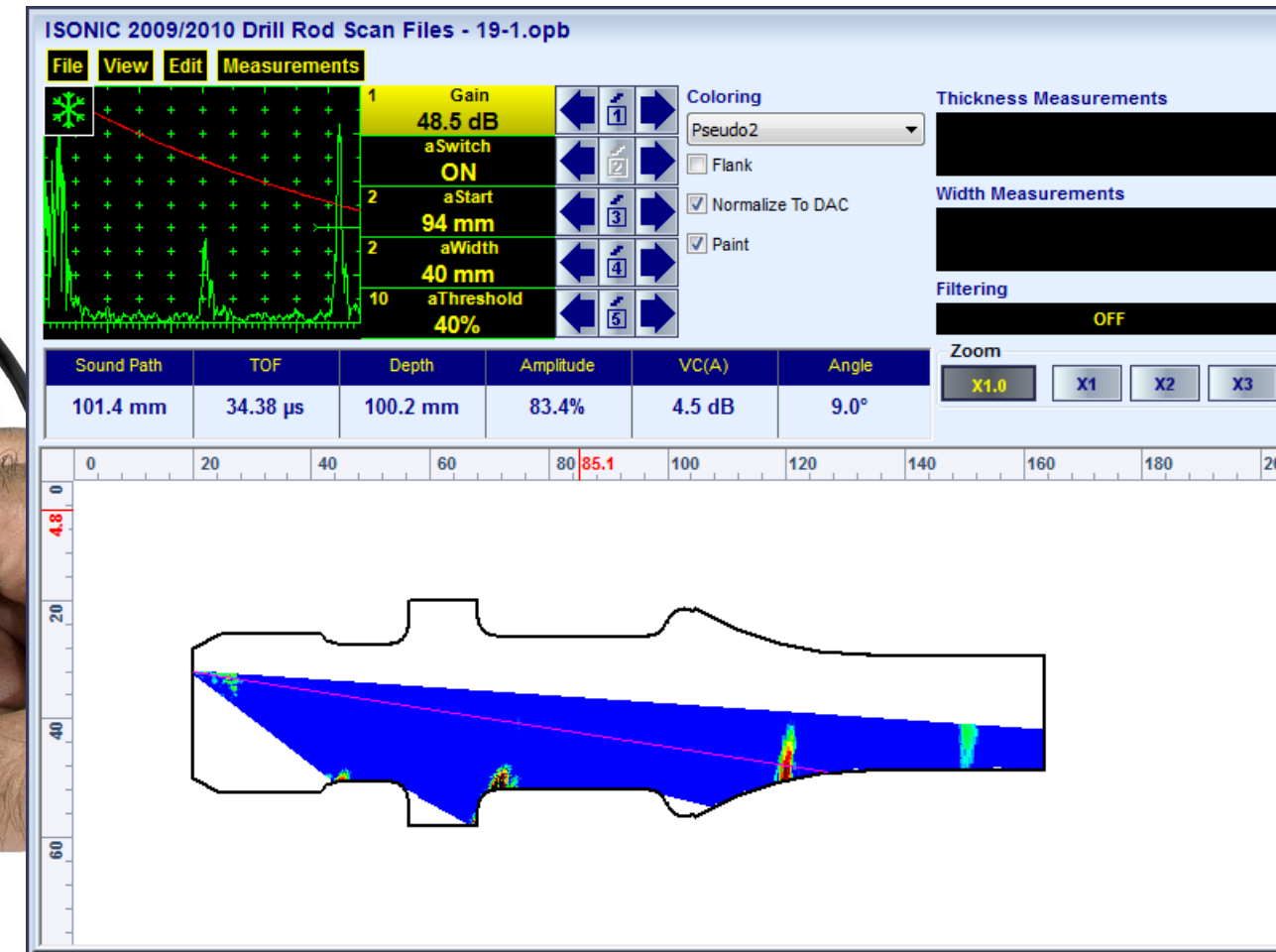
Item	Order Code (Part #)
<p>Inspection SW Application for ISONIC 3510 - Phased Array Modality: Drill Rod - Inspection of the Drill Rod Head for the Transversal Cracks and other Surface Defects</p> <ul style="list-style-type: none"> ⇒ True-To-Geometry Shaft Overlay Volume Corrected Imaging - Cross Sectional Along the Rod / Unfolded C-Scan / 3D ⇒ Sector-Scan Cross Sectional Along the Rod Coverage with Probe Placed on the Outer Side Surface ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇒ DAC / TCG Normalization ⇒ Built-In Database for Rod Selection ⇒ Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ Encoded and Time based Unfolded C-Scan ⇒ 100% Raw Data Capturing ⇒ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇒ Automatic Creation of Editable Defects List <p>⇒ Comprehensive Postprocessing Including:</p> <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Along the Shaft Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Along the Shaft 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 3510032



**Inspection of the Drill Rod for the Transversal Cracks –
Scanning from the End Side**

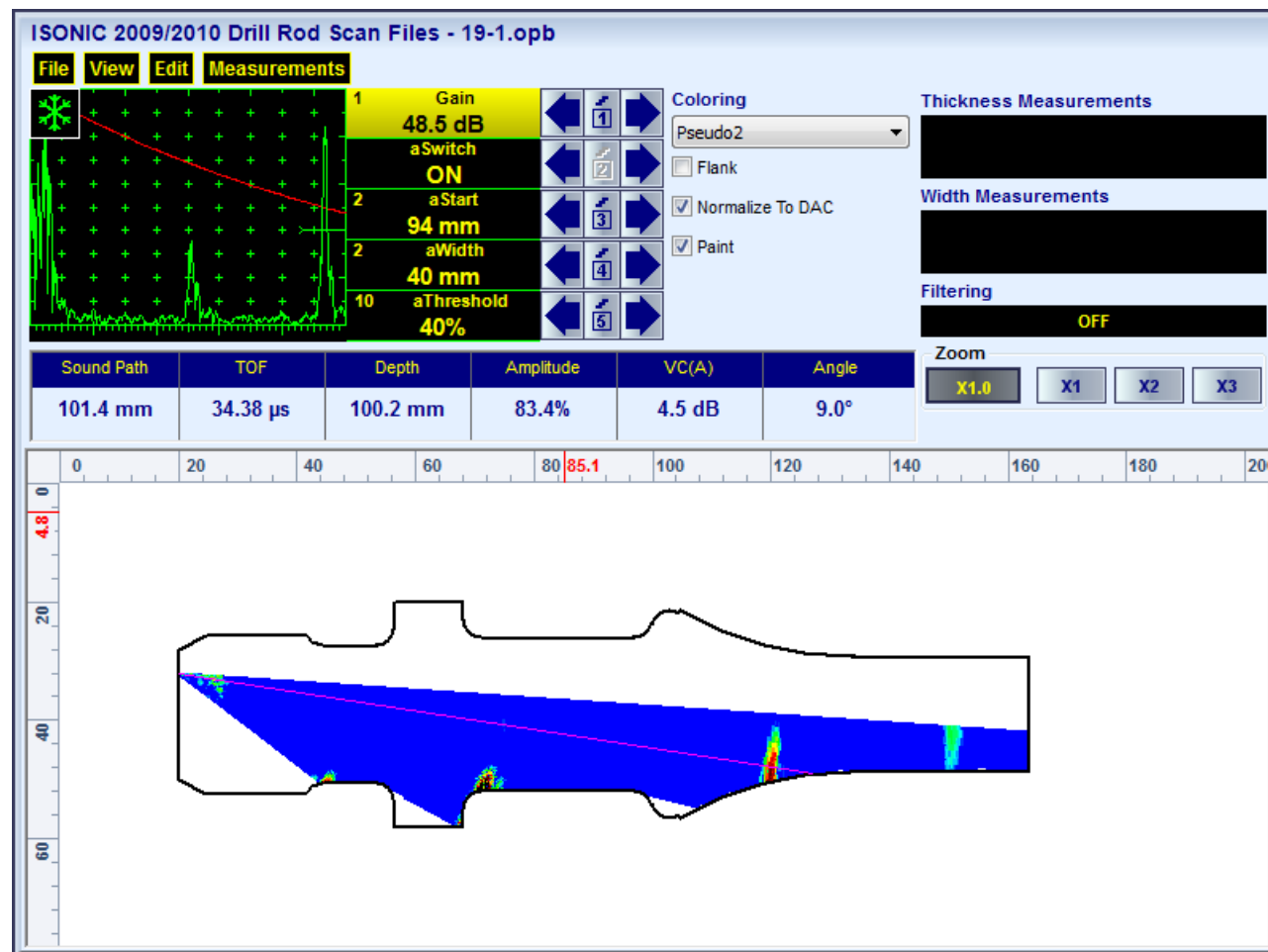


Item	Order Code (Part #)
Inspection SW Application for ISONIC 2009 UPA-Scope - Phased Array Modality: Drill Rod - Inspection of the Drill Rod Head for the Transversal Cracks and other Surface Defects	SWA 909832
<ul style="list-style-type: none"> ⇒ True-To-Geometry Shaft Overlay Volume Corrected Imaging - Cross Sectional Along the Rod / Unfolded C-Scan / 3D ⇒ Sector-Scan Cross Sectional Along the Rod Coverage with Probe Placed on the Outer Side Surface ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇒ DAC / TCG Normalization ⇒ Built-In Database for Rod Selection ⇒ Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ Encoded and Time based Unfolded C-Scan ⇒ 100% Raw Data Capturing ⇒ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇒ Automatic Creation of Editable Defects List 	
<ul style="list-style-type: none"> ⇒ Comprehensive Postprocessing Including: <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Along the Shaft Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Along the Shaft 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 	



Item	Order Code (Part #)
<p>Inspection SW Application for ISONIC 2010 / ISONIC 2010 EL - Phased Array Modality: Drill Rod - Inspection of the Drill Rod Head for the Transversal Cracks and other Surface Defects</p> <ul style="list-style-type: none"> ⇒ True-To-Geometry Shaft Overlay Volume Corrected Imaging - Cross Sectional Along the Rod / Unfolded C-Scan / 3D ⇒ Sector-Scan Cross Sectional Along the Rod Coverage with Probe Placed on the Outer Side Surface ⇒ Intuitive Image Guided PA Pulser Receiver with Beam Forming View ⇒ DAC / TCG Normalization ⇒ Built-In Database fo Rod Selection ⇒ Ray Tracer - Scanning Pattern Design ⇒ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇒ Encoded and Time based Unfolded C-Scan ⇒ 100% Raw Data Capturing ⇒ Automatic Defects Alarming Upon C-Scan Acquisition Completed ⇒ Automatic Creation of Editable Defects List <p>⇒ Comprehensive Postprocessing Including:</p> <ul style="list-style-type: none"> → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Along the Shaft Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Along the Shaft 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 910832

Inspection of the Drill Rod for the Transversal Cracks – Scanning from the End Side





*Inspection of the Drill Rod for the Transversal Cracks –
Scanning from the End Side: Cal Block*