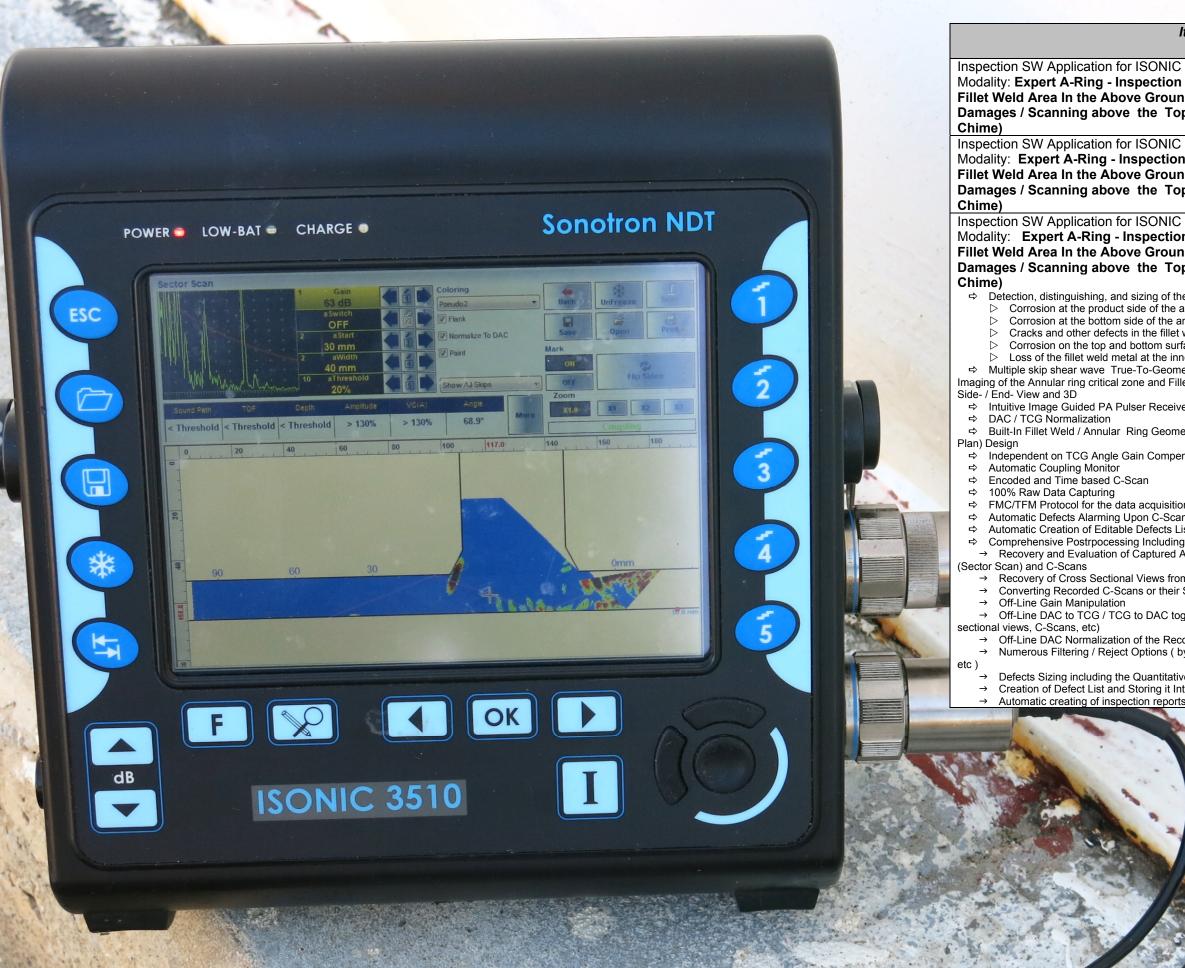
## **ISONIC EXPERT A-Ring - Multiple Skip True-to-Geometry Shear Wave S-Scan coverage:** • detection and sizing of corrosion damages on both surfaces of annular ring plate in the critical zone and fillet

weld area

- distinguishing position of the damage either at the product side or soil side or in the weld
- recording and 3D Mapping
- measuring of material thickness loss MTL / remaining material thickness RMT







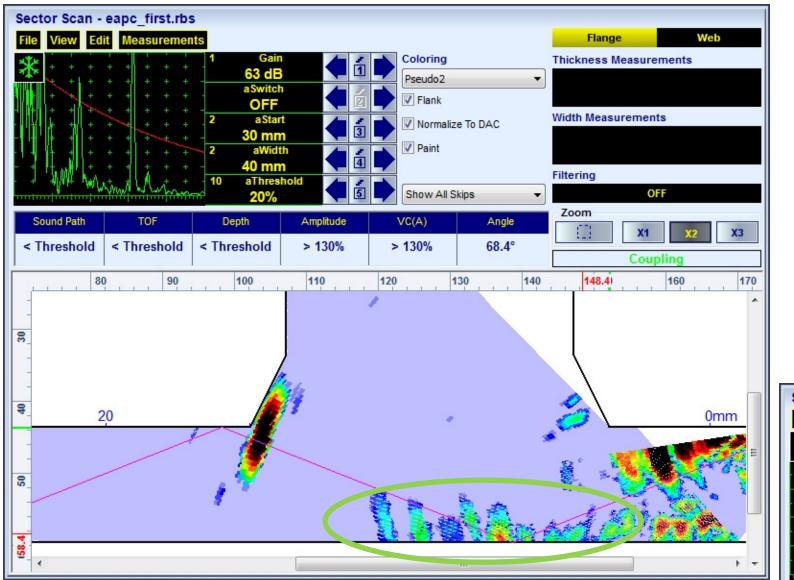


Item	Order Code
	(Part ##)
C 3510T, ISONIC 3510 - Phased Array n of Annular Ring – Critical Zone and und Storage Tanks for Corrosion op Surface of the Protrusion (Outer	SWA 3510018
C 2010 / ISONIC 2010 EL - Phased Array on of Annular Ring – Critical Zone and und Storage Tanks for Corrosion op Surface of the Protrusion (Outer	SWA 910818
C 2009 UPA-Scope - Phased Array on of Annular Ring – Critical Zone and und Storage Tanks for Corrosion op Surface of the Protrusion (Outer	SWA 909818
the following defects: annular ring annular ring at weld	
urface of annular ring under the tank shell / fillet weld nner side of the tank shell metry Sector-Scan Cross Sectional Coverage and "illet weld areas - Cross Sectional and Top (C-Scan)- /	
iver with Beam Forming View	
metry Editor and Ray Tracer - Scanning Pattern (Scan	
pensation / Gain Per Focal Law Correction	
tion and imaging can Acquisition Completed List ng:	
A-Scans from the Recorded Cross Sectional Views	
om the Recorded C-Scans ir Segments into 3D Images	
oggling for all types of stored files (A-Scans, cross-	
ecorded Images / DAC Evaluation by Geometry / Position / By Amplitude / dB-to-DAC /	
tive Evaluation of the Thickness Loss Into a Separate File orts - hard copy / PDF File	

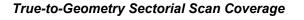








File	Vi	ew	E	dit	Me	asu	irer	nent	S		
st.									1	Gain	1
7 <b>1</b> P	+								1	63 dB	1
	1	+	1		- +	-	-	1	]	Grid	1
										0.05 mm	2
		No		C.o.o.	n Ma	ark.				Meshing	1
		NO	TA-3	sca	II MR	IIK			-	2	3
									10	Relief Threshold	1
									4	32%	4



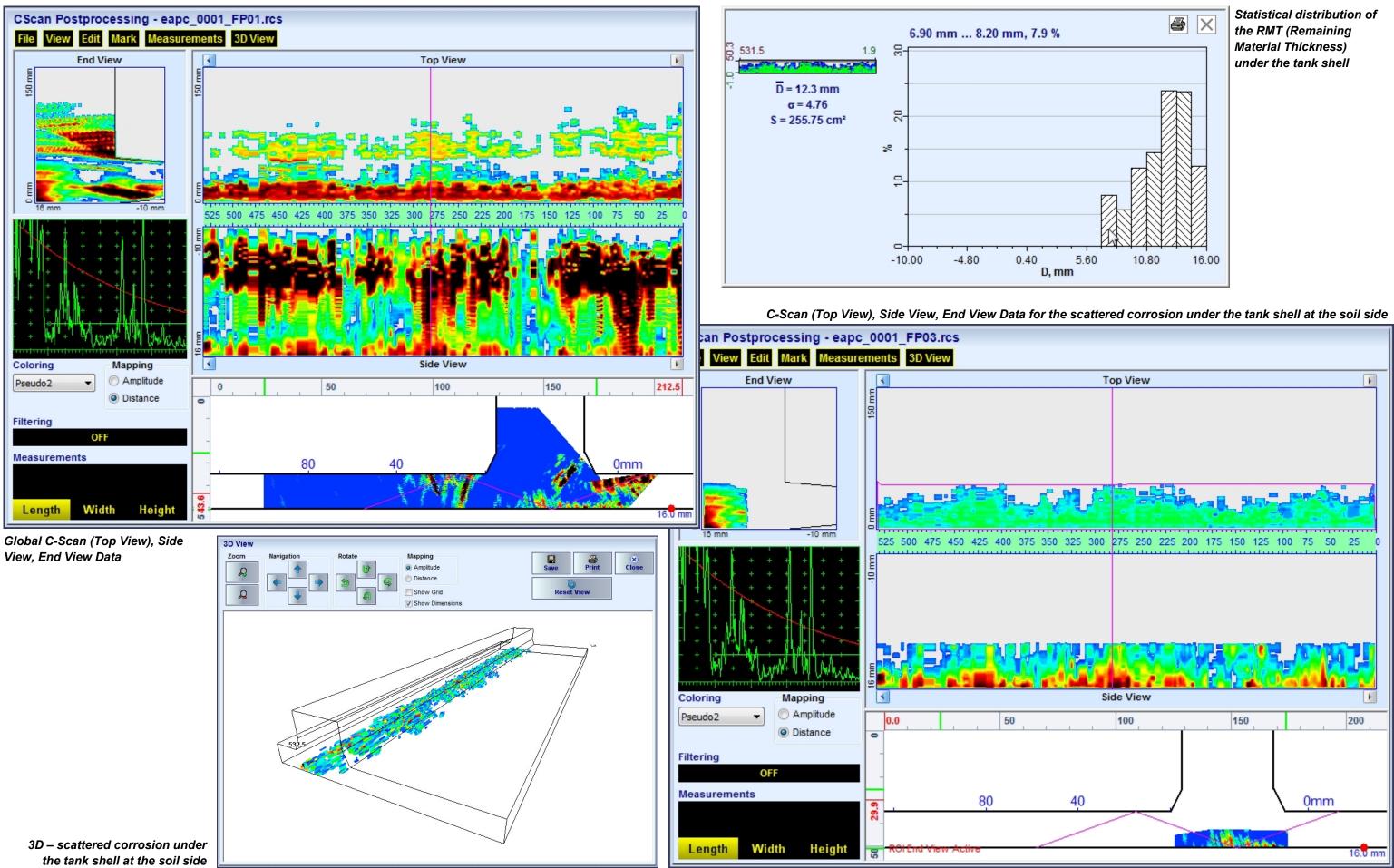




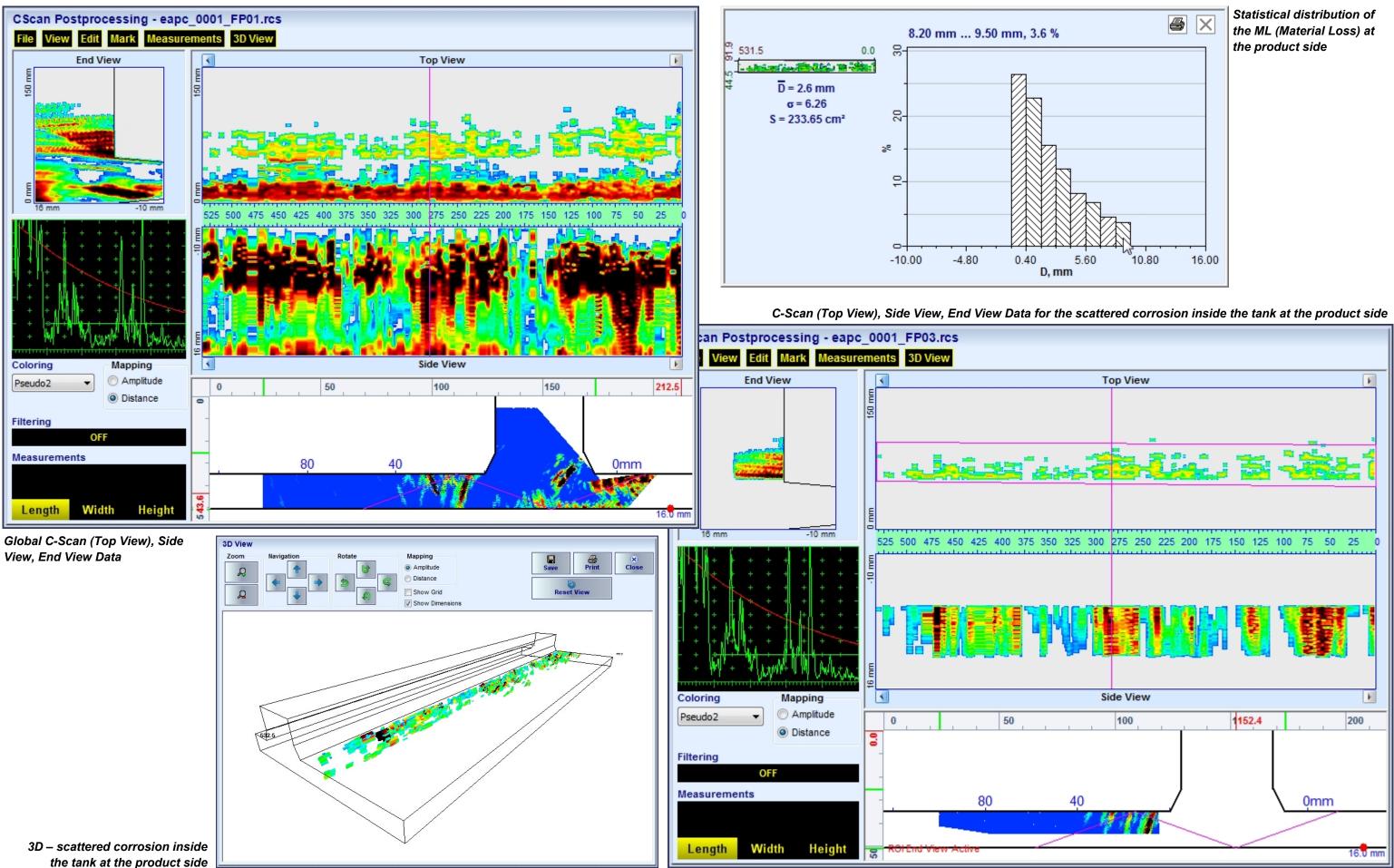
## FMC/TFM Imaging and evaluation of the damage area



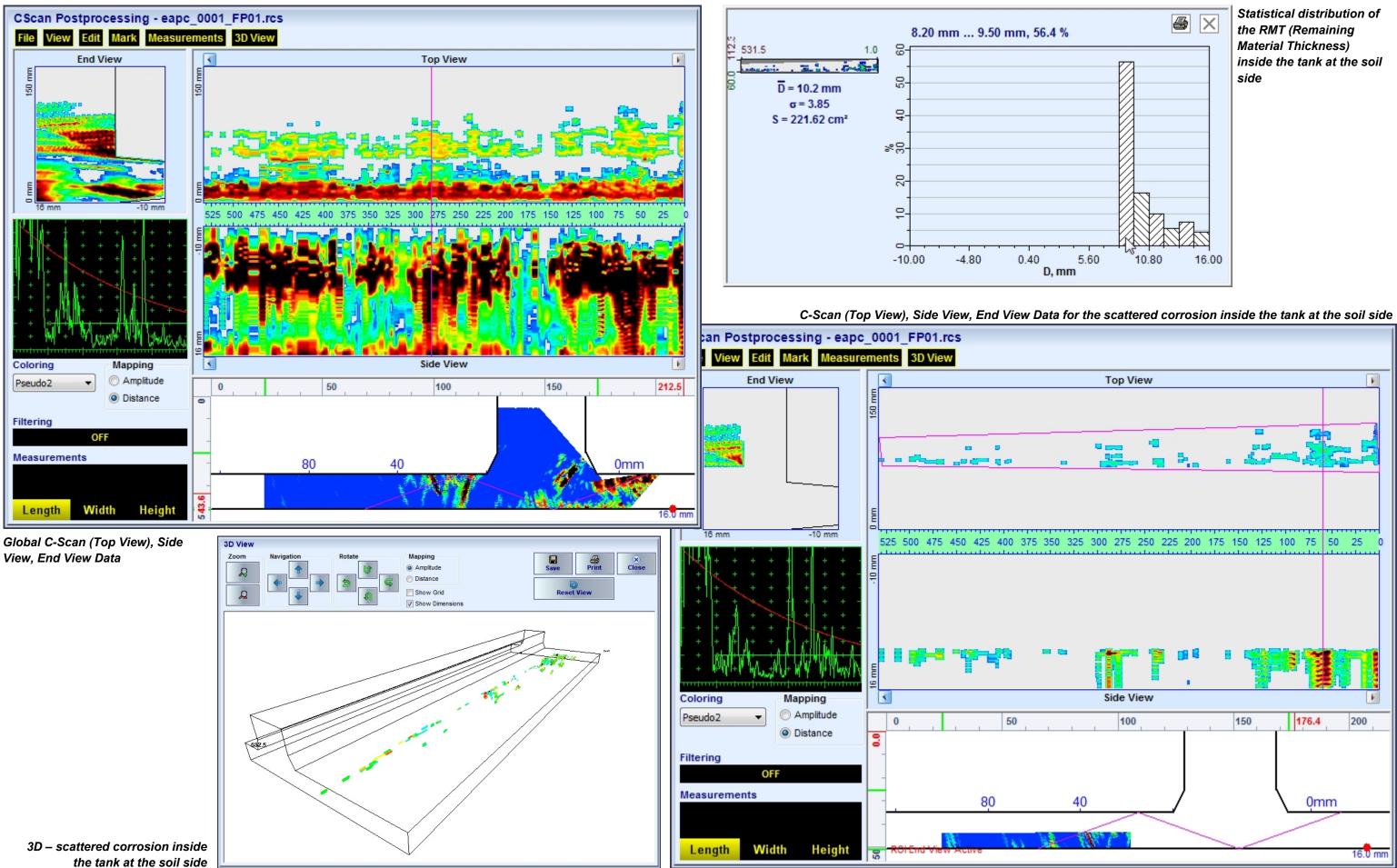












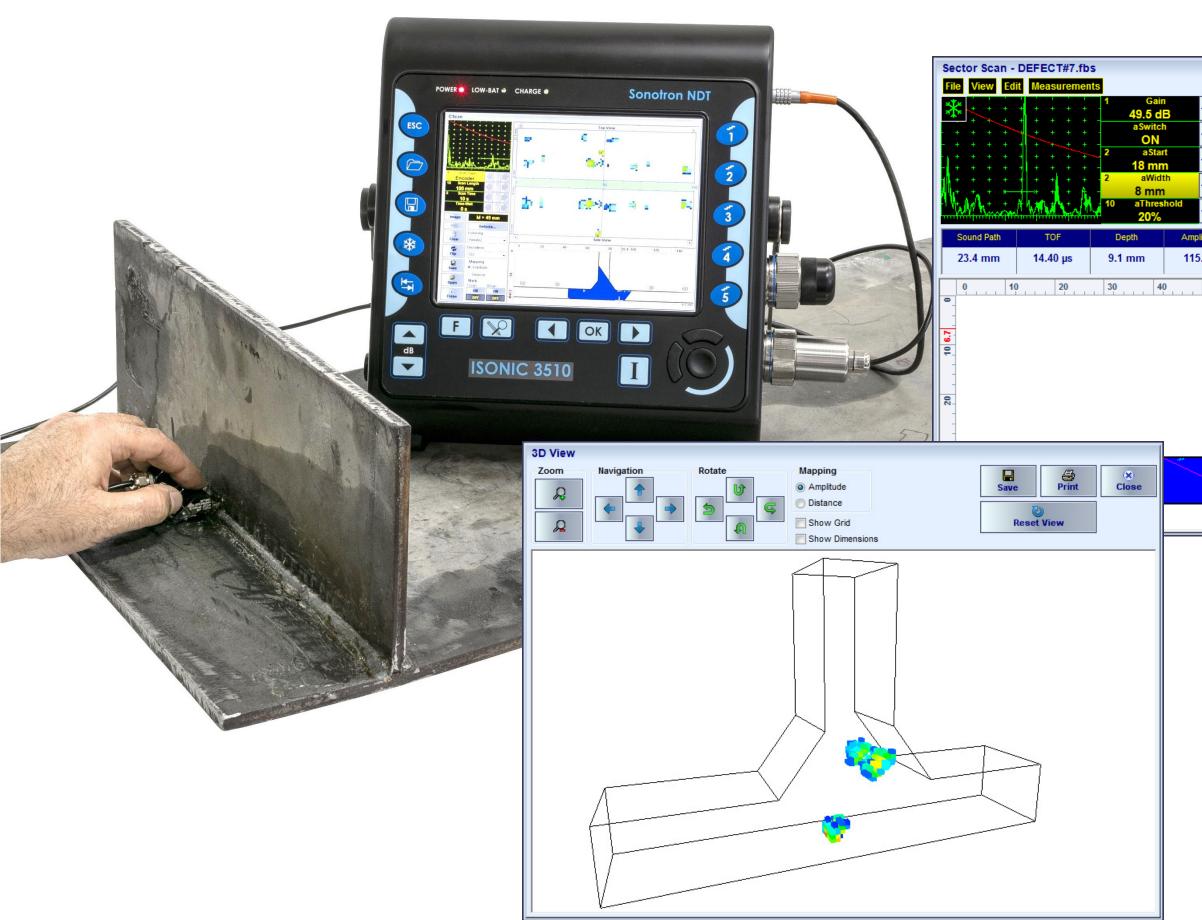
SONOTRON ND













	Coloring Pseudo2 Flank Normaliz Paint Show All S		Flange Web   Thickness Measurements   Width Measurements   Filtering   OFF
plitude	VC(A)	Angle	Zoom X1.0 X1 X2 X3
5.9%	4.6 dB	65.0°	Coupling
50	. 60 . 74	0,,,,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	<u>90 . 110 . 110 116.920</u> - <u>20 -40</u>
	×		9.5 mm



