Item	*Order Code (Part ##)*
Inspection SW Application for ISONIC 3510T, ISONIC 3510 – Phased Array Modality: **Multi-Group T – Implementation of Several (up to 5) Scan Plans Simultaneously Out of the Same Wedged Linear Array Probe Including Live FMC/TFM Imaging**	SWA 3510039
Inspection SW Application for ISONIC 2010, ISONI 2010 EL - – Phased Array Modality: **Multi-Group T – Implementation of Several (up to 3) Scan Plans Simultaneously Out of the Same Wedged Linear Array Probe Including Live FMC/TFM Imaging**	SWA 910839
Inspection SW Application for ISONIC 2009 UPA Scope – Phased Array Modality: **Multi-Group T – Implementation of Several (up to 5) Scan Plans Simultaneously Out of the Same Wedged Linear Array Probe Including Live FMC/TFM Imaging**	SWA 909839
⇨ Multi-Group Cross Sectional Coverage - Regular S-Scan, Live FMC/TFM, True-to-Geometry S-Scan Weld Overlay Coverage, True-to-Geometry Live FMC/TFM Weld Overlay Coverage, Regular Angle Beam B-Scan, True-to-Geometry B-Scan Weld Bevel Coverage ⇨ Applicable to the Variety of weld geometries (Butt, Fillet, etc) and other stuff ⇨ Intuitive Composing of Multi-Group coverage ⇨ DAC / TCG Normalization ⇨ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇨ Encoded and Time Based Recording ⇨ 100% Raw Data Capturing ⇨ Automatic Coupling Monitor ⇨ Comprehensive Postrpocessing Including: → 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 to TCG / TCG to DAC toggling for all types of stored files (A-Scans, cross-sectional veiwes, C-Scans, etc) → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Off-Line editing of Angle Gain Compensation / Gain per Shot Correction applied to the stored the Cross-sectional Views / C-Scan data → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Automatic Creation of Defect List and Storing it Into a Separate File → Automatic Creating of Scanning Integrity Report → Automatic creating of inspection reports - hard copy / PDF File	

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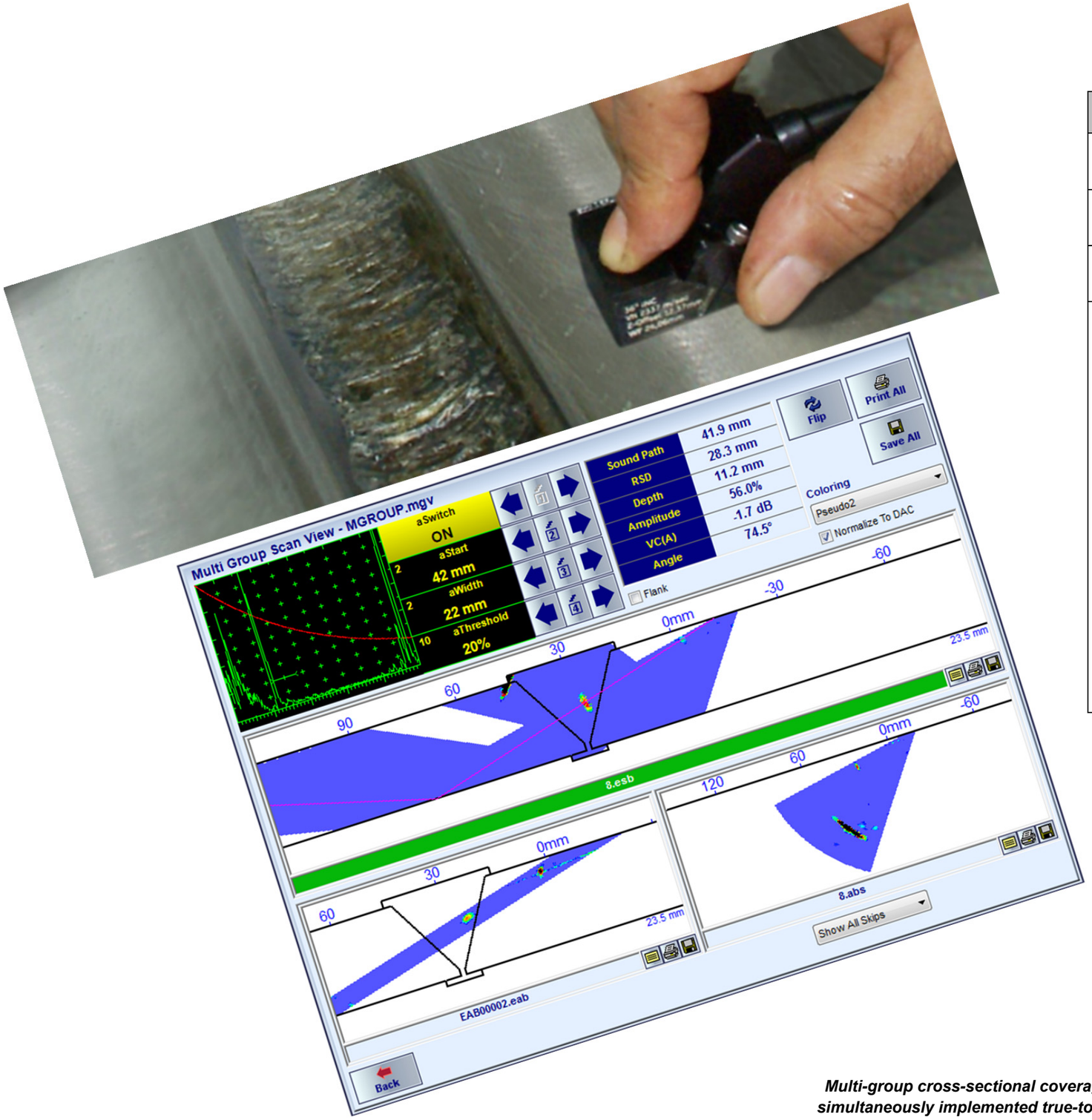

Item	*Order Code (Part ##)*
Inspection SW Application for ISONIC 3510T, ISONIC 3510T– Phased Array Modality: Multi-Group – **Implementation of Several (up to 5) Scan Plans Simultaneously Out of the Same Wedged Linear Array Probe**	SWA 3510010
Inspection SW Application for ISONIC 2010, ISONIC 2010EL– Phased Array Modality: Multi-Group – **Implementation of Several (up to 3) Scan Plans Simultaneously Out of the Same Wedged Linear Array Probe**	SWA 910810
Inspection SW Application for ISONIC 2009 UPA Scope – Phased Array Modality: Multi-Group – **Implementation of Several (up to 5) Scan Plans Simultaneously Out of the Same Wedged Linear Array Probe**	SWA 909810
⇨ Multi-Group Cross Sectional Coverage - Regualr S-Scan, True-to-Geometry S-Scan Weld Overlay Coverage, Regular Angle Beam B-Scan, True-to-Geometry B-Scan Weld Bevel Coverage ⇨ Applicable to the Variety of weld geometries (Butt, Fillet, etc) and other stuff ⇨ Intuitive Composing of Multi-Group coverage ⇨ DAC / TCG Normalization ⇨ Independent on TCG Angle Gain Compensation / Gain Per Focal Law Correction ⇨ Encoded and Time Based Recording ⇨ 100% Raw Data Capturing ⇨ Automatic Coupling Monitor ⇨ Comprehensive Postrpocessing Including: → 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 to TCG / TCG to DAC toggling for all types of stored files (A-Scans, cross-sectional veiwes, C-Scans, etc) → Off-Line DAC Normalization of the Recorded Images / DAC Evaluation → Off-Line editing of Angle Gain Compensation / Gain per Shot Correction applied to the stored the Cross-sectional Views / C-Scan data → Numerous Filtering / Reject Options (by Geometry / Position / By Amplitude / dB-to-DAC / etc) → Defects Sizing → Automatic Creation of Defect List and Storing it Into a Separate File → Automatic Creating of Scanning Integrity Report → Automatic creating of inspection reports - hard copy / PDF File	

Multi-group cross-sectional coverage combining simultaneously implemented true-to-geometry and regular S-Scan along with angle beam B-Scan

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Multi-group cross-sectional coverage combining simultaneously implemented the shear wave true-to-geometry and regular S-Scan for the fillet weld

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Multi-group cross-sectional coverage for the critical zone and fillet weld area of the annular ring in the above ground storage tank utilizing 4 different true-to-geometry shear wave multiple skip S-Scans

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