Item	*Order Code (Part ##)*
Inspection SW Application for ISONIC 3510T, ISONIC 3510 - PA Modality: **Multi-Group D – Implementation of Several (up to 4) Scan Plans Simultaneously out of the same Linear Array Probe with / without Delay Line**	SWA 3510020
Inspection SW Application for ISONIC 2010 - PA Modality: **Multi-Group D – Implementation of Several (up to 4) Scan Plans Simultaneously out of the same Linear Array Probe with / without Delay Line**	SWA 910820
Inspection SW Application for ISONIC 2009 UPA-Scope - PA Modality: **Multi-Group D – Implementation of Several (up to 4) Scan Plans Simultaneously out of the same Linear Array Probe with / without Delay Line** ⇨ Multi-Group Cross Sectional Coverage - Built-In Intuitive Material Coverage Composer ⇨ Straight Beam and Inclined B-Scan (Linear Scan), and Combined Cross Sectional Coverage ⇨ DAC / TCG Normalization ⇨ Independent on TCG Gain Per Focal Law Correction ⇨ Encoded and Time Based Recording ⇨ 100% Raw Data Capturing ⇨ Automatic Creation of Editable Defects List for Each Group Scanning ⇨ Comprehensive Postrpocessing Including: → Recovery and Evaluation of Captured A-Scans from the Recorded Cross Sectional Along the Shaft/Axle/Bolt/Spindle Views (Sector Scan) and C-Scans → Recovery of Cross Sectional Along the Shaft/Axle/Bolt/Spindle 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 views, 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 → Generating of Defect List and Storing it Into a Separate File → Automatic creating of inspection reports - hard copy / PDF File	SWA 909820

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3 X simultaneously implemented compression wave B-Scan patterns

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Implementing of 2 compression wave sectorial scan coverage patterns simultaneously

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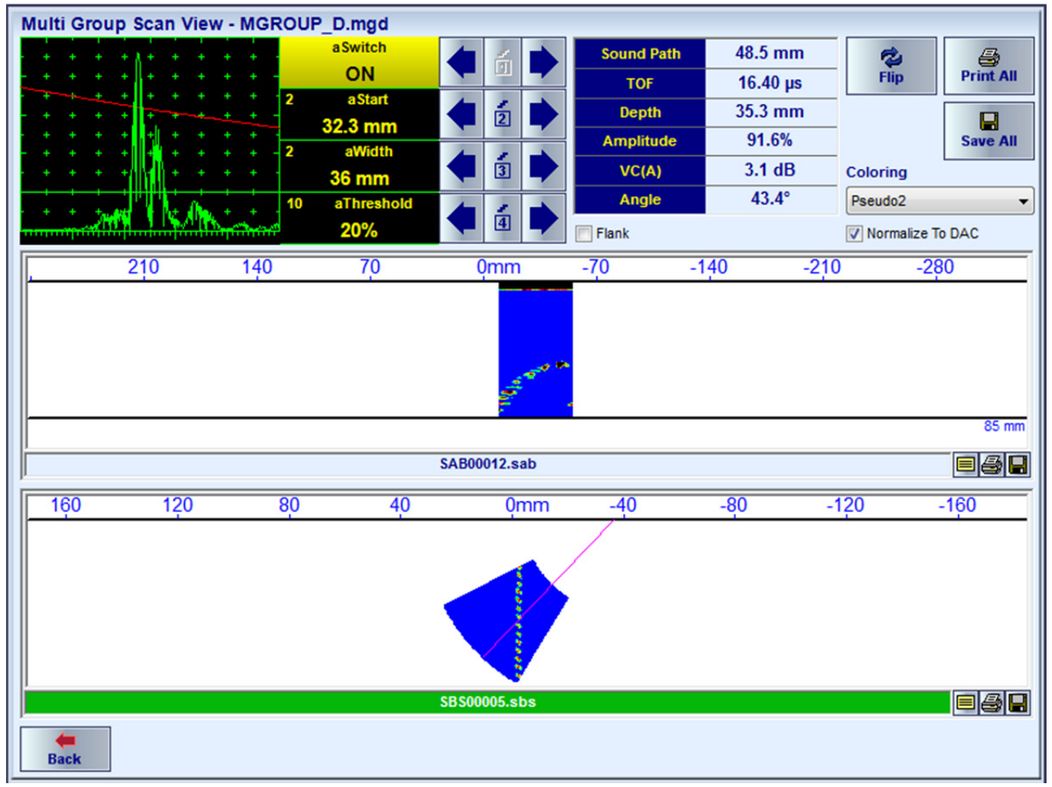
Implementing of longitudinal wave sectorial scan and linear scan (0^{o} B-Scan) simultaneously



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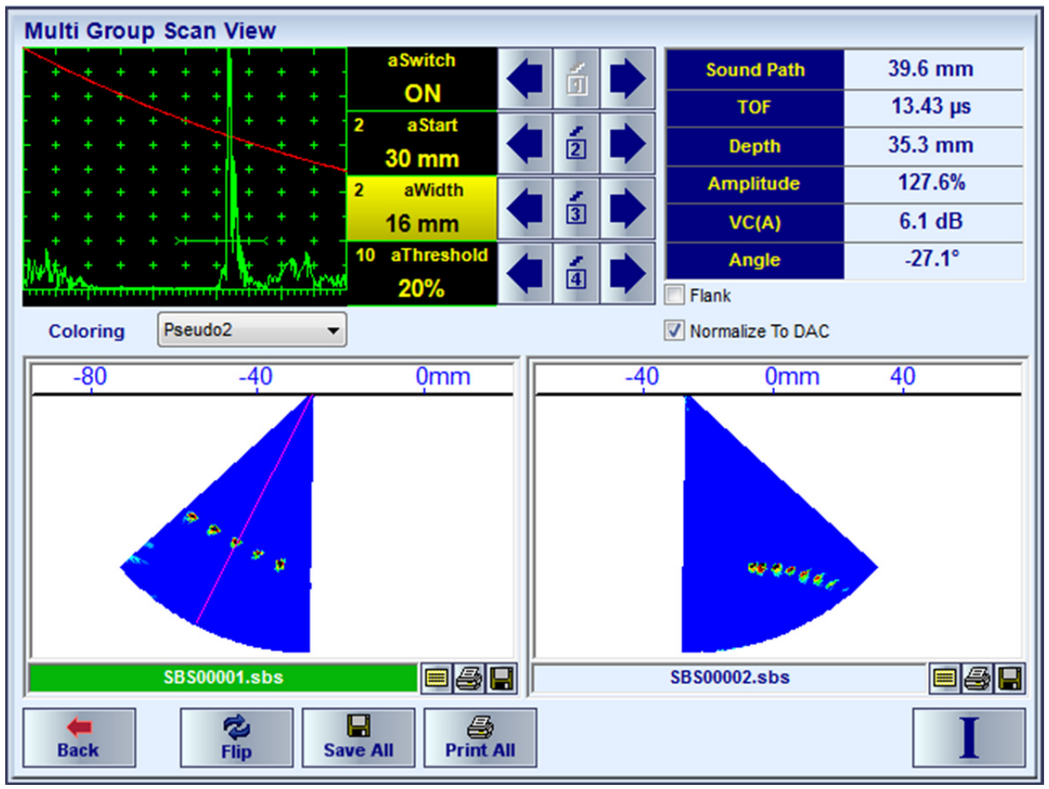

Implementing of 2 longitudinal wave sectorial scan coverage patterns simultaneously

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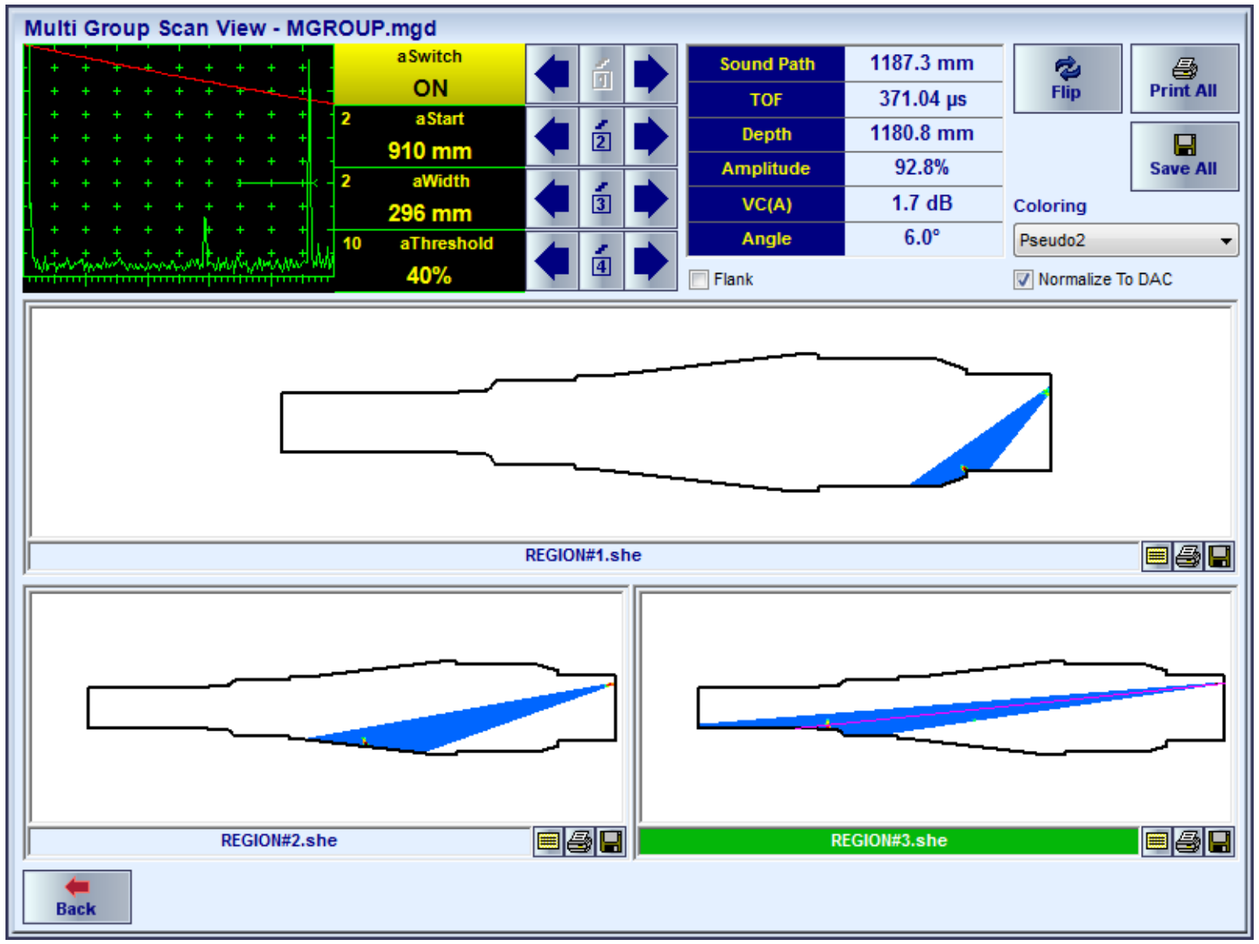
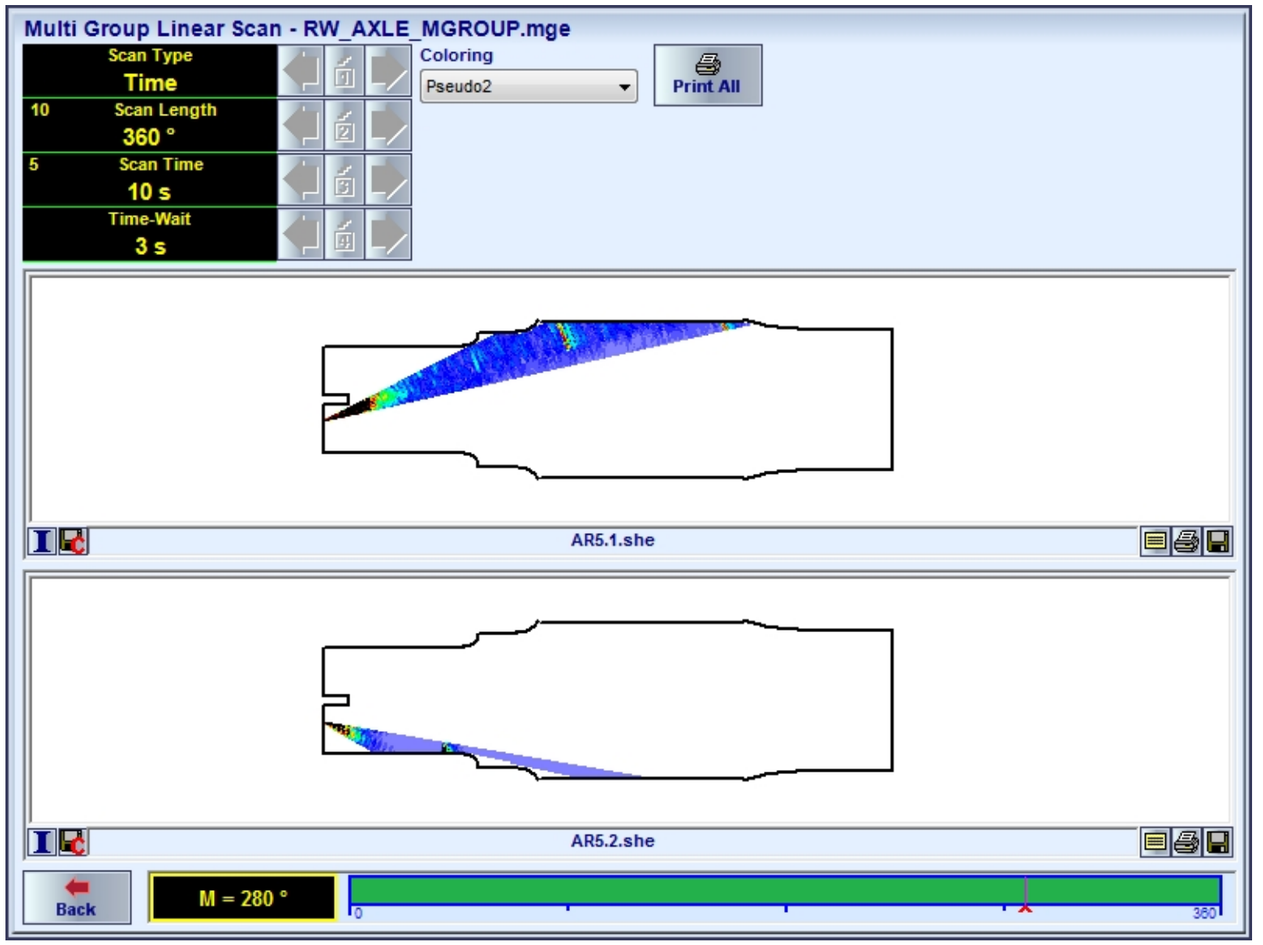
MULTIGROUP D – Scanning of 3 regions of the solid shaft simultaneously from the single probe position



MULTIGROUP D – Scanning of 2 regions of the railway axle simultaneously



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