

Section 9-13 Probes

Replacement parts described in the sub-sections:

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9-13-1 2D-Probes - Curved Array Transducers



Figure 9-15 2D curved array Transducers

Table 9-20 2D curved array Transducers

Item	Part Name	Part Number	Description	Qty	CRU	FRU
900	4C-D	KTZ157036 (H4001BC)	broadband curved array transducer, 2.0 - 5.0 MHz, 128 Elements Applications: Abdominal, Obstetrics, Gynecology	-	Y	Y
901	M6C	KTZ157049 (H40432LM)	1,5D Matrix curved array transducer, 2.0 - 6.0 MHz, 192 Elements / 5 rows Applications: Abdominal, Obstetrics, Gynecology, Pediatrics	-	Y	Y
902	AB2-7-D	KTZ157022 (H48651MW)	broadband curved array transducer, 2.0 - 8.0 MHz, 192 Elements Applications: Abdominal, Obstetrics, Gynecology, Urology, Pediatrics	-	Y	Y
903	C1-5-D	5304539 (H40452LE)	broadband curved array transducer, 2.0 - 5.0 MHz, 192 Elements Applications: Abdominal, Obstetrics, Gynecology	-	Y	Y
904	C4-8-D	5336339 (H48681AS)	broadband curved array transducer, 2.0 - 8.0 MHz, 192 Elements Applications: Abdominal, Obstetrics, Gynecology, Urology, Pediatrics	-	Y	Y
905	IC5-9-D	KTZ280047 (H40442LK)	endocavity broadband curved array transducer, 4.0 - 9.0 MHz, 192 Elements, field of view: max. 175° Applications: Obstetrics, Gynecology, Urology	-	Y	Y

➡ BT Version: The probe "C4-8-D" is only applicable at systems with software SW 10.x.x onwards.

9-13-2 2D-Probes - Linear Array Transducers



Figure 9-16 2D linear array Transducers

Table 9-21 2D linear array Transducers

Item	Part Name	Part Number	Description	Qty	CRU	FRU
910	SP10-16-D	KTZ157047 (H48651MT)	broadband linear array transducer, 7.0 - 18.0 MHz, 192 Elements, electronically steerable Applications: Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	-	Y	Y
911	11L-D	KTZ157048 (H40432LN)	broadband linear array transducer, 4.0 - 10.0 MHz, 192 Elements, electronically steerable Applications: Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	-	Y	Y
912	9L-D	KTZ280048 (H40442LM)	broadband linear array transducer, 3.0 - 8.0 MHz, 192 Elements, electronically steerable Applications: Small Parts, Peripheral Vascular, Pediatrics, Orthopedics	-	Y	Y
913	ML6-15-D*	5271060 (H40452LG)	1,25D Matrix linear array transducer, 4.0 - 13.0 MHz, 336 Elements / 3 rows (= 1008) Applications: Small-Part (Breast), Peripheral Vascular, Pediatrics, Orthopedics (Musculoskeletal), Neonatal, Urology	-	Y	Y

NOTICE The probe “ML6-15D” is NOT applicable on the Voluson® E6 (marked with * in this manual).

9-13-3 2D-Probes - Phased Array Transducers



Figure 9-17 2D phased array Transducers

Table 9-22 2D phased array Transducers

Item	Part Name	Part Number	Description	Qty	CRU	FRU
920	PA6-8-D	KTZ157042 (H48651MZ)	broadband phased array transducer, 4.0 - 10.0 MHz, 128 Elements Applications: Abdominal, Cardiology, Pediatrics/Neonatology	-	Y	Y
921	3S-D	KTZ280049 (H48661LG)	broadband phased array transducer, 1.0 - 3.0 MHz, 64 Elements Applications: Cardiology, Pediatrics, Neurology	-	Y	Y
922	3SP-D	KTZ280168 (H48681AZ)	broadband phased array transducer, 1.0 - 5.0 MHz, 64 Elements Applications: Abdominal, Obstetrics, Cardiology, Pediatrics, Neurology	-	Y	Y

➡ BT Version: The probe “3SP-D” is only applicable at systems with software SW 10.x.x onwards.

9-13-4 Real-Time 4D Volume Probes

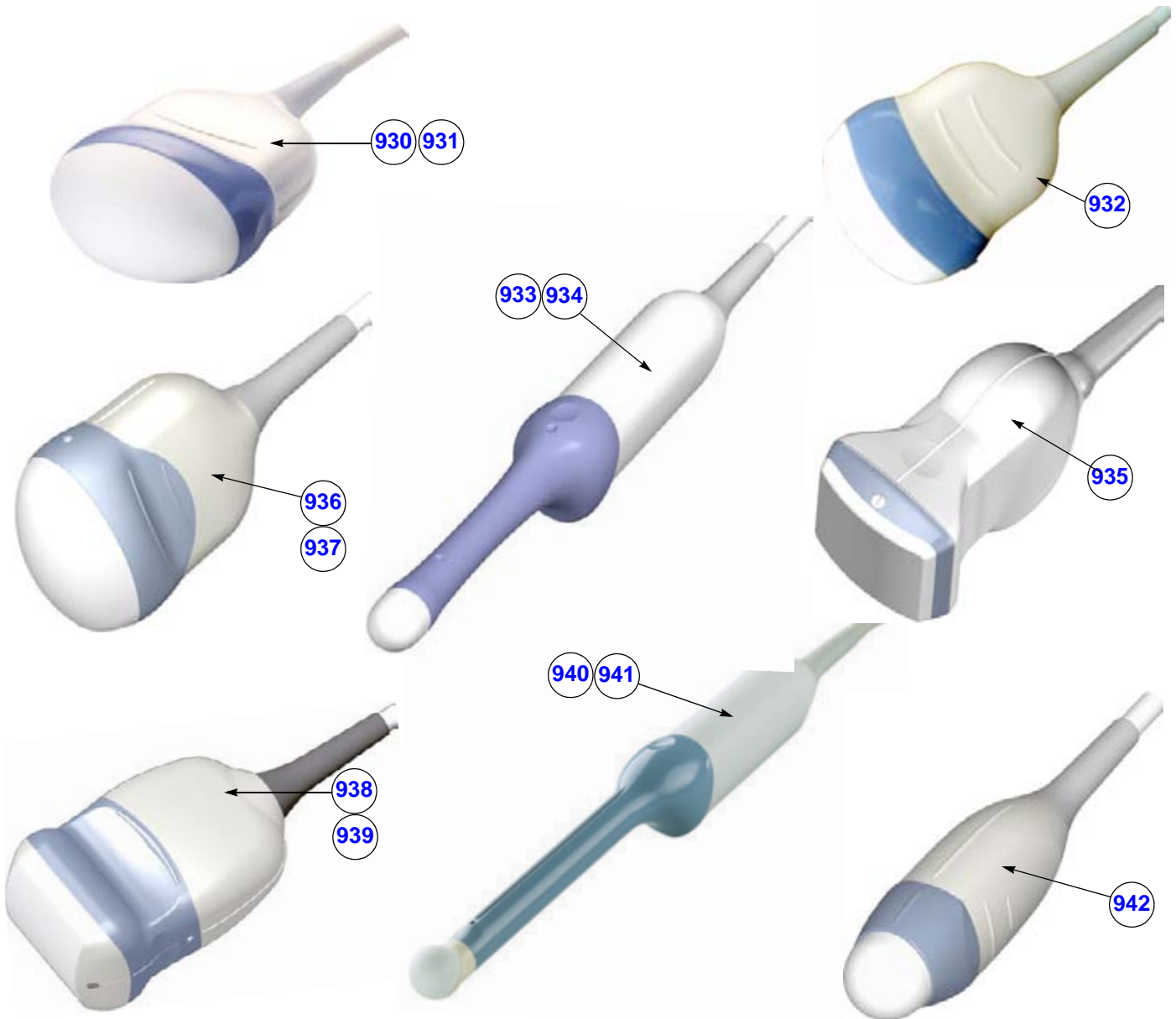


Figure 9-18 Real-Time 4D Volume Probes

Table 9-23 Real-Time 4D Volume Probes

Item	Part Name	Part Number	Description	Qty	CRU	FRU
930	RAB2-5-D	KTZ157037 (H48651MN)	Real-time 4D broadband electronic curved-array transducer 1.0 - 4.0 MHz, 192 Elements Applications: Abdominal, Obstetrics, Gynecology, Interventional Radiology	-	Y	Y
931	RAB4-8-D	KTZ157038 (H48651MP)	Real-time 4D broadband electronic curved-array transducer 2.0 - 8.0 MHz, 192 Elements Applications: Abdominal, OB, Gyn, Pediatrics, Urology, Interventional Radiology	-	Y	Y

Table 9-23 Real-Time 4D Volume Probes

Item	Part Name	Part Number	Description	Qty	CRU	FRU
932	RAB6-D	KTZ302502 (H48681MG)	UltraLight Real-time 4D broadband electronic curved-array transducer 2.3 - 7.3 MHz, 192 Elements Applications: Abdominal, OB, Gyn, Pediatrics, Urology, Interventional Radiology Note: This probe is only applicable at systems wit BT12 software (SW 12.x.x).	-	Y	Y
933	RIC5-9-D	KTZ157043 (H48651MS)	Real-time 4D endocavity broadband electronic curved array transducer 4.0 - 9.0 MHz, 192 Elements, field of view: max. 175° Applications: Gynecology/Fertility, Obstetrics, Urology	-	Y	Y
934	RIC6-12-D*	KTZ157045 (H48651NA)	Real-time 4D endocavity broadband electronic curved array transducer 5.0 - 13.0 MHz, 256 Elements, field of view: max. 190° Applications: Gynecology/Fertility, Obstetrics, Urology Note: This probe is only applicable at Voluson® E8 Expert systems.	-	Y	Y
935	RSP6-16-D	KTZ157046 (H48651MR)	Real-time 4D broadband electronic linear array transducer 6.0 - 18.0 MHz, 192 Elements Applications: Small Parts, Periph.Vascular, Pediatrics, Urology, Orthopedics	-	Y	Y
936	RAM3-8*	KTZ157039	1,5D Abdominal Matrix Array Real-time 4D broadband electronic transducer 2.0 - 6.0 MHz, 192 Elements / 5 rows (= 960) Applications: Abdominal, OB, Gyn, Pediatrics, Urology, Interventional Radiology Note: This probe is only applicable at Voluson® E8 Expert systems.	-	Y	Y
937	RM6C*	KTZ280117 (H48671ZG)	1,5D Abdominal Matrix Array Real-time 4D broadband electronic transducer 2.0 - 6.0 MHz, 192 Elements / 5 rows (= 960) Applications: Abdominal, OB, Gyn, Pediatrics, Urology, Interventional Radiology Note: This probe is only applicable at Voluson® E8 Expert systems.	-	Y	Y
938	RSM5-14*	KTZ157044 (H48651NC)	1,5D Linear Matrix Array Real-time 4D broadband electronic transducer 5.0 - 13.0 MHz, 192 Elements / 5 rows (= 960) Applications: Small Parts, Periph.Vascular, Pediatrics, Orthopedics Note: This probe is only applicable at Voluson® E8 Expert systems.	-	Y	Y
939	RM14L*	KTZ280162 (H48681AR)	1,5D Linear Matrix Array Real-time 4D broadband electronic transducer 4.0 - 14.0 MHz, 192 Elements / 5 rows (= 960) Applications: Small Parts, Periph.Vascular, Pediatrics, Orthopedics Note: This probe is only applicable at Voluson® E8 Expert BT10/BT12 systems.	-	Y	Y
940	RRE5-10-D	KTZ156992 (H48651N)	Real-time 4D Multi-Plane broadband curved array transrectal transducer 4.0 - 9.0 MHz, 192 Elements, field of view: max. 206° Applications: Gynecology, Urology, Rectal wall	-	Y	Y
941	RRE6-10-D	KTZ156992 (H48651N)	Real-time 4D Multi-Plane broadband curved array transrectal transducer 4.0 - 9.0 MHz, 192 Elements, field of view: max. 146° Applications: Gynecology, Urology, Rectal wall	-	Y	Y
942	RNA5-9-D	KTZ156994 (H48651MY)	Real-time 4D neonatal broadband electronic curved array transducer 3.0 - 9.0 MHz, 192 Elements, field of view: max. 144° Applications: Abdominal, Small Parts, Obstetrics, Cardiology, Pediatrics	-	Y	Y



NOTICE The probes “RIC6-12-D”, “RAM3-8”, “RM6C”, “RSM5-14” and “RM14L” are NOT applicable on the Voluson® E6 (marked with * in this manual).



NOTICE The probes “RIC6-12D”, “RAM3-8”, “RM6C”, “RSM5-14” and “RM14L” are only applicable at **Voluson® E8 Expert** systems. i.e. “Expert” option is purchased an therefore **Permanently** activated.



BT Version: The probes “RM14L” and “RRE5-10-D” are only applicable at systems with software 10.x.x onwards.



BT Version: The probe “RAB6-D” is only applicable at systems with BT12 software (SW 12.x.x).

9-13-5 CW-Doppler - Pencil Probes



Figure 9-19 CW-Doppler - Pencil Probes

Table 9-24 CW-Doppler - Pencil Probes

Item	Part Name	Part Number	Description	Qty	CRU	FRU
940	P2D	KTZ280051 (H4830JE)	Continuous Wave (CW) Doppler pencil probe with a center frequency of 2.0 MHz (no B-image), 2 Elements Applications: Cardiology (suprasternal), Peripheral Vascular, Neurology	-	Y	Y
941	P6D	KTZ280050 (H4830JG)	Continuous Wave (CW) Doppler pencil probe with a center frequency of 6.0 MHz (no B-image), 2 Elements Applications: Cardiology, Peripheral Vascular, Pediatrics	-	Y	Y

Section 9-14 Biopsy Needle Guides



Figure 9-20 Biopsy Needle Guides

Table 9-25 Biopsy Needle Guides

Item	Part Name	Part Number	Description	Qty	CRU	FRU
950	***** (disposable)	E8385MJ	disposable Biopsy needle guide for probe IC5-9-D needle diameter: 1.2 - 1.6 mm	-	-	N
951	***** (reusable)	H40412LN	reusable Biopsy needle guide for probe IC5-9-D needle diameter: < 1.65 mm	-	-	N
952	PEC63	H46721R	reusable Biopsy needle guide for probe RIC5-9-D / RIC6-12-D needle diameter: < 1.8 mm	-	-	N
953	RIC Single-angle bracket	H48681GF	disposable Biopsy needle guide for probe RIC5-9-D / RIC6-12-D needle diameter: 1.2 - 1.6 mm	-	-	N
954	PEC64	H46721B	reusable Biopsy needle guide for probe SP10-16-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
955	PEC82	H48671MD	reusable Biopsy needle guide for probe SP10-16-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
956	PEC69	H46721S	reusable Biopsy needle guide for probe RRE6-10-D needle diameter: < 1.4 mm	-	-	N
957	PEC84	H48671WT	reusable Biopsy needle guide for probe RRE5-10-D needle diameter: < 1.4 mm	-	-	N
958	PEC71	H46721D	reusable Biopsy needle guide for probe AB2-7-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
959	PEC83	H48671ME	reusable Biopsy needle guide for probe AB2-7-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N

Section 9-14 Biopsy Needle Guides (cont'd)



Figure 9-21 Biopsy Needle Guides

Table 9-26 Biopsy Needle Guides

Item	Part Name	Part Number	Description	Qty	CRU	FRU
960	PEC74	(H48621Y)	reusable Biopsy needle guide for probe RAB2-5-D / RAB4-8-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
961	RAB Single-angle bracket	H46701AE	Non Sterile Single Angle Bracket needle guide for probe RAB2-5-D/RAB4-8-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
962	PEC75	(H46721W)	reusable Biopsy needle guide for probe RSP6-16-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
963	RSP Single-angle bracket	H46701AD	Non Sterile Single Angle Bracket needle guide for probe RSP6-16-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
964	PEC76	H48651DG	reusable Biopsy needle guide for probe RNA5-9-D needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
965	RNA Single-angle bracket	H46701AF	Non Sterile Single Angle Bracket needle guide for probe RNA5-9-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
966	RAB6 Biopsy Starter Kit	H48681ML	Biopsy Starter Kit for RAB UltraLight probe RAB6-D	-	-	N
967	PEC80	(H48651PP)	reusable Biopsy needle guide for probe RSM5-14/RM14L needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N
968	PEC81	(H48651PN)	reusable Biopsy needle guide for probe RAM3-8/RM6C needle diameter: < 1 mm, 1.4 mm, 2.2 mm	-	-	N

Section 9-14 Biopsy Needle Guides (cont'd)



Figure 9-22 Biopsy Needle Guides

Table 9-27 Biopsy Needle Guides

Item	Part Name	Part Number	Description	Qty	CRU	FRU
970	M7C Multi-angle bracket	E8385RF	Non Sterile Multi Angle Bracket needle guide starter kit for probe M6C needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
971	4C Multi-angle bracket	E8385NA	Non Sterile Multi Angle Bracket needle guide starter kit for probe 4C-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
972	C1-5-D Biopsy guide	H40432LE	Non Sterile Multi Angle Bracket needle guide for probe C1-5-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
973	C4-8-D Biopsy guide	H48681AT	Non Sterile Multi Angle Bracket needle guide for probe C4-8-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
974	12L-RS Multi-angle bracket	H40432LC	Non Sterile Multi Angle Bracket needle guide for probe 11L-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
975	9L Multi-angle bracket	H4906BK	Non Sterile Multi Angle Bracket needle guide for probe 9L-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
976	ML6-15D Biopsy kit	H40432LJ	Non Sterile Multi Angle Bracket needle guide for probe ML6-15-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
977	3S Multi-angle bracket	E8385MZ	Non Sterile Multi Angle Bracket needle guide for probe 3S-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N
978	3SP Multi-angle bracket	H46222LC	Non Sterile Multi Angle Bracket needle guide for probe 3SP-D needle diameter: > 0.6 mm - < 2.1 mm	-	-	N