

# Transducer Data Sheet

SPH-TRANSDUCER-E07

2022-01

**FUJIFILM Healthcare Corporation**

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## 1. Convex

	C251	C252	C253	C35
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	convex	convex	convex
Number of elements	160	160	160	192
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics (multi-layer)	single crystal	ceramics (multi-layer)	ceramics (multi-layer)
Shape of elements	50R	50R	50R	50R
Dimension of the skin contact area (mm x mm)	72.8 x 10.5	72.8 x 14	72.7 x 15.2	66.8 x 11
Field of view (linear: width, convex: sector angle)	C: 70deg.	C: 70deg.	C: 70deg.	C: 70deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic convex	Electronic convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	3.0MHz (5-1MHz)	3.0MHz (6-1MHz)	3.0MHz (5-1MHz)	5.0MHz (8-2MHz)
Weight (probe + connection cable)	300	300	300	310
Cable length (cm)	220	220	220	220
Fully immersible probe *2	N/A	N/A	N/A	N/A
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998
Biopsy guide	X	X	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coorresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

\*3 RVS sensor is built inside the probe.

## 1. Convex

	C41	C42	C22P	C25P
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	convex	convex	convex
Number of elements	128	128	128	160
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics (multi-layer)	ceramics (multi-layer)	ceramics (multi-layer)
Shape of elements	12R	21R	22R	50R
Dimension of the skin contact area (mm x mm)	26.7 x 9	36.2 x 11	29.3 x 14.1	72.8 x 15
Field of view (linear: width, convex: sector angle)	C: 100deg.	C: 80deg.	C: 74deg.	C: 70deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic convex	Electronic convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	7.5MHz (13-4MHz)	6.5MHz (8-4MHz)	3.0MHz (6-1MHz)	3.0MHz (5-1MHz)
Weight (probe + connection cable)	240	240	490	250
Cable length (cm)	200	220	220	220
Fully immersible probe *2	N/A	N/A	N/A	N/A
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference Q1E-EP1393	See Instructon Manual Q1E-EP1359	See Instructon Manual Q1E-EP1457	See Instructon Manual MN1-5998
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference Q1E-EP1393	See Instructon Manual Q1E-EP1359	See Instructon Manual Q1E-EP1457	See Instructon Manual MN1-5998
Biopsy guide	N/A	X	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coorresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

\*3 RVS sensor is built inside the probe.

## 1. Convex

	C23	C23RV *3
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	convex
Number of elements	96	96
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	single crystal	single crystal
Shape of elements	25R	25R
Dimension of the skin contact area (mm x mm)	32.7 x 10.5	32.7 x 10.5
Field of view (linear: width, convex: sector angle)	C: 70deg.	C: 70deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A
Nominal Imaging Frequencies	3.5MHz (6-1MHz)	3.0MHz (6-1MHz)
Weight (probe + connection cable)	430	430
Cable length (cm)	220	220
Fully immersible probe *2	X	X
Sterilization is possible	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual
Reference	MN1-5998	MN1-5998
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual
Reference	MN1-5998	MN1-5998
Biopsy guide	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coorresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

\*3 RVS sensor is built inside the probe.

## 2. Linear

	L34	L441	L442	L55
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	linear	linear	linear	linear
Number of elements	128	192	192	192
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics (multi-layer)	ceramics	ceramics	composite
Shape of elements	-	-	-	-
Dimension of the skin contact area (mm x mm)	41.0 x 11	42.1 x 8.8	41.9 x 11.1	54.8 x 10.2
Field of view (linear: width, convex: sector angle)	L: 38mm	L: 38mm	L: 38mm	L: 50mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic linear	Electronic linear	Electronic linear	Electronic linear
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	5MHz (7-3MHz)	6.0MHz (12-2MHz)	7.0MHz (12-2MHz)	7.5MHz (13-5MHz)
Weight (probe + connection cable)	230	300	300	250
Cable length (cm)	220	200	220	220
Fully immersible probe *2	N/A	N/A	N/A	N/A
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1361	MN1-5998	MN1-5998	Q1E-EP1368
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1361	MN1-5998	MN1-5998	Q1E-EP1368
Biopsy guide	X	X	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 2. Linear

	L64	SML44	L35
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	linear	linear	linear
Number of elements	192	1728	480
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	composite	CMUT matrix	single crystal matrix
Shape of elements	-	-	-
Dimension of the skin contact area (mm x mm)	42.1 × 8.7	45.7 × 11.4	48.0 × 9.2
Field of view (linear: width, convex: sector angle)	L: 38mm	L: 38mm	L: 45mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic linear	Electronic linear	Electronic linear
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A
Nominal Imaging Frequencies	10MHz (18-5MHz)	7.5MHz (22-2MHz)	5MHz (9-2MHz)
Weight (probe + connection cable)	250	420	480
Cable length (cm)	220	220	220
Fully immersible probe *2	N/A	N/A	N/A
Sterilization is possible	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1366	MN1-5998	MN1-5998
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1366	MN1-5998	MN1-5998
Biopsy guide	X	N/A	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

### 3. Sector

	S11	S12	S121	S211
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	sector	sector	sector	sector
Number of elements	64	80	80	64
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	single crystal	single crystal	single crystal
Shape of elements	-	-	-	-
Dimension of the skin contact area (mm x mm)	24.1 × 17.2	23.0 × 16	22.1 × 15.2	23.5 × 17
Field of view (linear: width, convex: sector angle)	S: 90deg. (wide scan: 120deg.)	S: 90deg.	S: 90deg. (wide scan: 120deg.)	S: 90deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Phased Array	Phased Array	Phased Array	Phased Array
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	2.5MHz (5-1MHz)	3.0MHz (5-1MHz)	2.75MHz (5-1MHz)	3.0MHz (5-1MHz)
Weight (probe + connection cable)	130	180	190	180
Cable length (cm)	220	220	225	220
Fully immersible probe *2	N/A	N/A	N/A	N/A
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998	See Instructon Manual MN1-5998
Biopsy guide	N/A	N/A	N/A	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All coorresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

### 3. Sector

	S31	S42	S3ESEL	S3ESL1
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	sector	sector	sector/ endocavitary	sector/ endocavitary
Number of elements	64	96	64	64
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	single crystal	ceramics (multi-layer)	ceramics	ceramics
Shape of elements	-	-	-	-
Dimension of the skin contact area (mm x mm)	13.9 x 12	13.0 x 10	diameter 12.2	diameter 11.8
Field of view (linear: width, convex: sector angle)	S: 90deg. (wide scan: 100deg.)			
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Phased Array	Phased Array	Phased Array	Phased Array
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	5.0MHz (9-2MHz)	8.0MHz (14-3MHz)	5.0MHz (8-2MHz)	5.0MHz (9-2MHz)
Weight (probe + connection cable)	140	140	940	690
Cable length (cm)	220	220	156	210
Fully immersible probe *2	N/A	N/A	N/A	X
Sterilization is possible	X	X	N/A	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1376	MN1-5998	MN1-5998	MN1-6117
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1376	MN1-5998	MN1-5998	MN1-6117
Biopsy guide	N/A	N/A	N/A	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

**3. Sector**

		<b>S3ESCLS</b>
Manufacturer		<b>FUJIFILM Healthcare Corporation</b>
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)		<b>sector/ endocavitary</b>
Number of elements		<b>48</b>
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT		<b>ceramics</b>
Shape of elements		<b>-</b>
Dimension of the skin contact area (mm x mm)		<b>diameter 9.2</b>
Field of view (linear: width, convex: sector angle)		<b>S: 90deg. (wide scan: 100deg.)</b>
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?		<b>Phased Array</b>
For 3D / 4D probes: rotation of the probe (electronic or mechanical)		<b>N/A</b>
For 3D / 4D probes: sweep angle (in degrees)		<b>N/A</b>
Nominal Imaging Frequencies		<b>5.1MHz (8-2MHz)</b>
Weight (probe + connection cable)		<b>900</b>
Cable length (cm)		<b>185</b>
Fully immersible probe *2		<b>N/A</b>
Sterilization is possible		<b>N/A</b>
Recommended method for decontamination and recommended products		<b>See Instructon Manual</b>
(Trade name versus active ingredient)	Reference	<b>MN1-6015</b>
Recommended method for disinfection and recommended products		<b>See Instructon Manual</b>
(Trade name versus active ingredient)	Reference	<b>MN1-6015</b>
Biopsy guide		<b>N/A</b>

\*1 Suppose "composite" means 2 dimensional cut structure, All cooresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

**4. Endocavity**

	<b>C41V</b>	<b>C41V1</b>	<b>C41B</b>	<b>C41RP</b>
Manufacturer	<b>FUJIFILM Healthcare Corporation</b>	<b>FUJIFILM Healthcare Corporation</b>	<b>FUJIFILM Healthcare Corporation</b>	<b>FUJIFILM Healthcare Corporation</b>
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	<b>convex/ endocavitary</b>	<b>convex/ endocavitary</b>	<b>convex/ endocavitary</b>	<b>convex/ endocavitary</b>
Number of elements	<b>192</b>	<b>192</b>	<b>192</b>	<b>156</b>
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	<b>ceramics</b>	<b>ceramics (multi-layer)</b>	<b>ceramics (multi-layer)</b>	<b>ceramics</b>
Shape of elements	<b>10R</b>	<b>10R</b>	<b>10R</b>	<b>9R</b>
Dimension of the skin contact area (mm x mm)	<b>42.9 x 9.6</b>	<b>42.9 x 10</b>	<b>42.9 x 10</b>	<b>31.419.5</b>
Field of view (linear: width, convex: sector angle)	<b>C: 200deg.</b>	<b>C: 200deg.</b>	<b>C: 200deg.</b>	<b>C: 180deg.</b>
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	<b>Electronic convex</b>	<b>Electronic convex</b>	<b>Electronic convex</b>	<b>Electronic convex</b>
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
For 3D / 4D probes: sweep angle (in degrees)	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Nominal Imaging Frequencies	<b>6.5MHz (8-4MHz)</b>	<b>6.5MHz (10-2MHz)</b>	<b>6.5MHz (10-2MHz)</b>	<b>6.0MHz (9-2MHz)</b>
Weight (probe + connection cable)	<b>390</b>	<b>590</b>	<b>330</b>	<b>425</b>
Cable length (cm)	<b>220</b>	<b>250</b>	<b>250</b>	<b>250</b>
Fully immersible probe *2	<b>N/A</b>	<b>N/A</b>	<b>X</b>	<b>X</b>
Sterilization is possible	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	<b>See Instructon Manual</b>	<b>See Instructon Manual</b>	<b>See Instructon Manual</b>	<b>See Instructon Manual</b>
Reference	<b>Q1E-EP1363</b>	<b>Q1E-EP1432</b>	<b>MN1-6161</b>	<b>MN1-6161</b>
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	<b>See Instructon Manual</b>	<b>See Instructon Manual</b>	<b>See Instructon Manual</b>	<b>See Instructon Manual</b>
Reference	<b>Q1E-EP1363</b>	<b>Q1E-EP1432</b>	<b>MN1-6161</b>	<b>MN1-6161</b>
Biopsy guide	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

#### 4. Endocavity

	R41R	R41RL	C41L47RP	CL4416R
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex/ endocavitary	convex/ endocavitary	linear/ convex/ endocavitary	linear/ convex/ endocavitary
Number of elements	256	256	sagittal: 192 axial: 192	sagittal: 192 axial: 152
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics (multi-layer)
Shape of elements	6R	6R	sagittal: - axial: 10R	sagittal: - axial: 9R
Dimension of the skin contact area (mm x mm)	38.6 x 9	38.6 x 9	L(s): 76 x 10 C(a): 42.6 x 9.6	L(s): 72.6 x 9.3 C(a): 34.7 x 10
Field of view (linear: width, convex: sector angle)	C: 360deg.	C: 360deg.	L(s): 64mm C(a): 200deg.	L(s): 63mm C(a): 180deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic convex	Electronic (s) linear (a) convex	Electronic (s) linear (a) convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	7.5MHz (10-5MHz)	7.5MHz (10-5MHz)	sagittal: 7.5MHz (10-5MHz) axial: 6.5MHz (8-4MHz)	sagittal: 7.5MHz (14-2MHz) axial: 6.5MHz (10-2MHz)
Weight (probe + connection cable)	530	530	1090	490
Cable length (cm)	210	210	220	250
Fully immersible probe *2	X	X	N/A	X
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6161	MN1-6161	Q1E-EP1451	MN1-6161
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6161	MN1-6161	Q1E-EP1451	MN1-6161
Biopsy guide	N/A	N/A	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

#### 4. Endocavity

	CL4416R1	CC41R	CC41R1
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	linear/ convex/ endocavitary	convex/ convex/ endocavitary	convex/ convex/ endocavitary
Number of elements	sagittal: 192 axial: 152	sagittal: 96 axial: 128	sagittal: 152 axial: 152
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics (multi-layer)
Shape of elements	sagittal: - axial: 9R	sagittal: 10R axial: 10R	sagittal: 9R axial: 9R
Dimension of the skin contact area (mm x mm)	L(s): 72.6 x 9.3 C(a): 34.7 x 10	C(s): 23.6 x 12.7 C(a): 30.8 x 12	C(s): 34.7 x 10 C(a): 34.7 x 10
Field of view (linear: width, convex: sector angle)	L(s): 63mm C(a): 180deg.	C(s): 100deg. C(a): 120deg.	C(s): 180deg. C(a): 180deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic (s) linear (a) convex	Electronic (s) convex (a) convex	Electronic (s) convex (a) convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A
Nominal Imaging Frequencies	sagittal: 7.5MHz (14-2MHz) axial: 6.5MHz (10-2MHz)	sagittal: 6.5MHz (8-4MHz) axial: 6.5MHz (8-4MHz)	sagittal: 6.5MHz (10-2MHz) axial: 6.5MHz (10-2MHz)
Weight (probe + connection cable)	490	445	440
Cable length (cm)	250	210	250
Fully immersible probe *2	X	N/A	X
Sterilization is possible	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6758	MN1-6161	MN1-6161
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6758	MN1-6161	MN1-6161
Biopsy guide	X	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 5. Intraoperative

	C22K	C22T	C22I	C42K
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	convex	convex	convex
Number of elements	90	90	90	144
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics
Shape of elements	21R	20R	20R	21R
Dimension of the skin contact area (mm x mm)	33.8 x 11.4	33.8 x 11.4	33.8 x 11.4	28.8 x 10.1
Field of view (linear: width, convex: sector angle)	C: 82deg.	C: 82deg.	C: 82deg.	C: 65deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic convex	Electronic convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	3.5MHz (6-1MHz)	3.5MHz (6-1MHz)	3.5MHz (6-1MHz)	7.5MHz (10-4MHz)
Weight (probe + connection cable)	160	180	180	350
Cable length (cm)	290	290	290	300
Fully immersible probe *2	N/A	X	X	N/A
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1389	MN1-6000	MN1-6000	Q1E-EP1391
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1389	MN1-6000	MN1-6000	Q1E-EP1391
Biopsy guide	X	N/A	N/A	X

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 5. Intraoperative

	C42T	L43K	L44K	L46K
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	linear	linear	linear
Number of elements	144	128	192	192
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics
Shape of elements	20R	-	-	-
Dimension of the skin contact area (mm x mm)	28.8 x 10.1	31.5 x 7.2	48.3 x 10.3	77 x 10
Field of view (linear: width, convex: sector angle)	C: 65deg.	L: 26mm	L: 42mm	L: 60mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic linear	Electronic linear	Electronic linear
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	7.5MHz (10-3MHz)	7.0MHz (12-2MHz)	7.5MHz (14-2MHz)	7.5MHz (13-3MHz)
Weight (probe + connection cable)	180	155	360	460
Cable length (cm)	290	300	300	300
Fully immersible probe *2	X	X	X	X
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6000	MN1-6369	MN1-6000	MN1-6000
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6000	MN1-6369	MN1-6000	MN1-6000
Biopsy guide	N/A	N/A	N/A	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case \* WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 5. Intraoperative

	L46K1	L44LA	L44LA1	L51K
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	linear	linear/ endocavity	linear/ endocavity	linear
Number of elements	192	192	64	64
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics
Shape of elements	-	-	-	-
Dimension of the skin contact area (mm x mm)	70.3 x 10.3	44.2 x 6.4	43.3 x 7.2	16.4 x 5.3
Field of view (linear: width, convex: sector angle)	L: 63mm	L: 36mm	L: 38mm	L: 13mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic linear	Electronic linear	Electronic linear	Electronic linear
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	7.5MHz (14-2MHz)	7.0MHz (13-2MHz)	7.5MHz (13-2MHz)	8.5MHz (15-3MHz)
Weight (probe + connection cable)	360	665	250	100
Cable length (cm)	300	300	290	300
Fully immersible probe *2	X	N/A	X	X
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6000	MN1-6000	MN1-6000	MN1-6000
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6000	MN1-6000	MN1-6000	MN1-6000
Biopsy guide	N/A	X	X	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 5. Intraoperative

	L53K	S31KP	L31KP
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	linear	sector	linear
Number of elements	128	34	48
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics
Shape of elements	-	-	-
Dimension of the skin contact area (mm x mm)	8.0 x 29.8	8.0 x 8	6.9 x 6.5
Field of view (linear: width, convex: sector angle)	L: 25mm	S: 90deg.	L: 6mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic linear	Phased Array	Electronic linear
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A
Nominal Imaging Frequencies	8.5MHz (15-3MHz)	5.0MHz (8-3MHz)	5.0MHz (9-2MHz)
Weight (probe + connection cable)	260	180	180
Cable length (cm)	300	250	300
Fully immersible probe *2	X	X	X
Sterilization is possible	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6000	MN1-6000	MN1-6000
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6000	MN1-6000	MN1-6000
Biopsy guide	N/A	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

**6. 4D**

	<b>MXS1</b>	<b>MXS2ESLL1</b>	<b>VC34</b>	<b>VC35</b>
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary,sector, 3D, 4D...)	sector/ 4D	sector/ endocavity/ 4D	convex/ 4D	convex/ 4D
Number of elements	3072	1372	192	192
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	single crystal matrix	single crystal matrix	ceramics	ceramics
Shape of elements	-	-	40R	46R
Dimension of the skin contact area (mm x mm)	22.7x 16.2	11.3 x 10.8	65 x 34.4	64 x 36
Field of view (linear: width, convex: sector angle)	S: 90deg.	S: 90deg.	C: 70deg.	C: 72deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Phased Array	Phased Array	Electronic convex/ Mechanical sector	Electronic convex/ Mechanical sector
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	electronic	electronic	mechanical	mechanical
For 3D / 4D probes: sweep angle (in degrees)	90deg.	90deg.	70deg.	80deg.
Nominal Imaging Frequencies	2.75MHz (5-1MHz)	4.0MHz (10-1MHz)	5.0MHz (7-2MHz)	4.0MHz (8-2MHz)
Weight (probe + connection cable)	390	890	560	540
Cable length (cm)	220	180	230	200
Fully immersible probe *2	N/A	X	N/A	N/A
Sterilization is possible	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-5998	See Instructon Manual MN1-6117	See Instructon Manual MN1-6002	See Instructon Manual MN1-6002
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-5998	See Instructon Manual MN1-6117	See Instructon Manual MN1-6002	See Instructon Manual MN1-6002
Biopsy guide	N/A	N/A	N/A	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 6. 4D

	VC41V	VL54
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex/ endovavity/ 4D	linear/ 4D
Number of elements	136	160
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	composite
Shape of elements	10R	-
Dimension of the skin contact area (mm x mm)	25 x 25	48 x 56
Field of view (linear: width, convex: sector angle)	C: 140deg.	L: 38mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex/ Mechanical sector	Electronicconvex/ Mechanical sector
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	mechanical	mechanical
For 3D / 4D probes: sweep angle (in degrees)	90deg.	29deg.
Nominal Imaging Frequencies	6.0MHz (8-2MHz)	7.5MHz (13-5MHz)
Weight (probe + connection cable)	620	610
Cable length (cm)	200	210
Fully immersible probe *2	N/A	N/A
Sterilization is possible	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual
	Reference	Reference
	MN1-6002	MN1-6002
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual
	Reference	Reference
	MN1-6002	MN1-6002
Biopsy guide	N/A	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 7. EUPseries

	EUP-B514	EUP-L53L	EUP-O54J	EUP-B715	EUP-C715
Manufacturer	FUJIFILM Healthcare Corporation				
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	linear	linear	convex	convex
Number of elements	192	256	128	160	160
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics (multi-layer)	ceramics (multi-layer)
Shape of elements	40R	-	-	50R	50R
Dimension of the skin contact area (mm x mm)	79.8 x 14.8	99.4 x 11	5.5 x 28.7	72.8 x 15	72.8 x 15
Field of view (linear: width, convex: sector angle)	C: 90deg.	L: 92mm	L: 25mm	C: 70deg.	C: 70deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic linear	Electronic linear	Electronic convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	3.5MHz (5-2MHz)	7.5MHz (10-5MHz)	10.0MHz (13-7MHz)	3.5MHz (5-1MHz)	3.0MHz (5-1MHz)
Weight (probe + connection cable)	390	1040	190	320	320
Cable length (cm)	220	220	220	220	220
Fully immersible probe *2	X	N/A	X	N/A	N/A
Sterilization is possible	X	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual				
Reference	Q1E-EP0616	Q1E-EP0348	Q1E-EP1064	Q1E-EP1245	Q1E-EP1011
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual				
Reference	Q1E-EP0616	Q1E-EP0348	Q1E-EP1064	Q1E-EP1245	Q1E-EP1011
Biopsy guide	X	N/A	N/A	X	X

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof box "EZU-WB1-H" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 7. EUPseries

	EUP-L74M	EUP-O732T	EUP-OL334	EUP-CC531S	EUP-R54AW-19
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	linear	convex	convex	convex/ convex/ endocavitary	convex
Number of elements	192	144	96	sagittal: 96 axial: 128	256
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	composite	ceramics	ceramics	ceramics	ceramics
Shape of elements	-	20R	40R	sagittal: 10R axial: 10R	6R
Dimension of the skin contact area (mm x mm)	54.8 x 10.2	28.8 x 10.1	35.0 x 7.3	C(s): 23.6 x 12.7 C(a): 30.8 x 12	38.6 x 9
Field of view (linear: width, convex: sector angle)	L: 50mm	C: 65deg.	C: 40deg.	C(s): 100deg. C(a): 120deg.	C: 360deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic linear	Electronic convex	Electronic convex	Electronic (s) convex (a) convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	7.5MHz (13-5MHz)	7.5MHz (10-3MHz)	7.5MHz (10-5MHz)	sagittal: 6.5MHz (8-4MHz) axial: 6.5MHz (8-4MHz)	7.5MHz (10-5MHz)
Weight (probe + connection cable)	250	190	540	195	640
Cable length (cm)	220	290	300	210	220
Fully immersible probe *2	N/A	N/A	N/A	N/A	X
Sterilization is possible	X	X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1041	Q1E-EP1234	Q1E-EP0304	Q1E-EP1357	Q1E-EP0609
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	Q1E-EP1041	Q1E-EP1234	Q1E-EP0304	Q1E-EP1357	Q1E-EP0609
Biopsy guide	X	X	N/A	X	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof box "EZU-WB1-H" is necessary. The resistance to water pressure resistance is up to 20 kPa

**8. USTseries**

		UST-52105	UST-5418	UST-5550	UST-9130
Manufacturer		FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary,sector, 3D, 4D...)		sector	linear	linear	convex
Number of elements		80	192	64	186
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT		ceramics	ceramics	ceramics	ceramics
Shape of elements		-	-	-	60R
Dimension of the skin contact area (mm x mm)		22.1 x 15.2	44.2 x 6.4	43.1 x 7.2	81.5 x 14
Field of view (linear: width, convex: sector angle)		S: 90deg.	L: 36mm	L: 38mm	C: 60deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?		Phased Array	Electronic linear	Electronic linear	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)		N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)		N/A	N/A	N/A	N/A
Nominal Imaging Frequencies		2.9MHz (5-1MHz)	7MHz (13-2MHz)	7.5MHz (13-4MHz)	3.6MHz (6-2MHz)
Weight (probe + connection cable)		170	670	470	290
Cable length (cm)		180	300	290	200
Fully immersible probe *2		N/A	N/A	X	N/A
Sterilization is possible		X	X	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)		See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
	Reference	MN1-5064	MN1-5783	MN1-5308	MN1-5160 MN1-5493
Recommended method for disinfection and recommended products (Trade name versus active ingredient)		See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
	Reference	MN1-5064	MN1-5783	MN1-5308	MN1-5160 MN1-5493
Biopsy guide		N/A	N/A	N/A	X

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof cover " MP-2790" is necessary. The resistance to water pressure resistance is up to 9.8 kPa.

**8. USTseries**

		UST-9132I
Manufacturer		FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary,sector, 3D, 4D...)		convex
Number of elements		144
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT		ceramics
Shape of elements		20R
Dimension of the skin contact area (mm x mm)		28.8 x 10.1
Field of view (linear: width, convex: sector angle)		C: 65deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?		Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)		N/A
For 3D / 4D probes: sweep angle (in degrees)		N/A
Nominal Imaging Frequencies		7.5MHz (10-3MHz)
Weight (probe + connection cable)		150
Cable length (cm)		290
Fully immersible probe *2		X
Sterilization is possible		X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)		See Instructon Manual
	Reference	MN1-5221
Recommended method for disinfection and recommended products (Trade name versus active ingredient)		See Instructon Manual
	Reference	MN1-5221
Biopsy guide		N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All corresponding natures of each probe are stated.

\*2 When immersing, optional waterproof cover " MP-2790" is necessary. The resistance to water pressure resistance is up to 9.8 kPa.

## 9. Independent

	UST-2265-2	UST-2266-5
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	independent	independent
Number of elements	2	2
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics
Shape of elements	-	-
Dimension of the skin contact area (mm x mm)	diameter 16.2	diameter 9
Field of view (linear: width, convex: sector angle)	N/A	N/A
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	N/A	N/A
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A
Nominal Imaging Frequencies	2.0MHz	5.0MHz
Weight (probe + connection cable)	165	150
Cable length (cm)	200	200
Fully immersible probe *2	N/A	N/A
Sterilization is possible	X	X
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual
Reference	MN1-0833	MN1-0831
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual
Reference	MN1-0833	MN1-0831
Biopsy guide	N/A	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All coresponding natures of each probe are stated.

\*2 When immersing, optional waterproof case " WP-001" is necessary. The resistance to water pressure resistance is up to 20 kPa.

## 10. Transducers for FUTUS LE

	CA2-8AD-H	CF4-9-H	EVN4-9-H	LA3-16AD-H
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	convex	convex	convex	linear
Number of elements	192	128	128	192
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics
Shape of elements	60R	14R	10R	-
Dimension of the skin contact area (mm x mm)	70 x 16	28 x 9	37 x 10	46 x 8
Field of view (linear: width, convex: sector angle)	C: 58 deg.	C: 92 deg.	C: 148 deg.	L: 38.4mm
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Electronic convex	Electronic convex	Electronic convex	Electronic linear
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	N/A	N/A	N/A
For 3D / 4D probes: sweep angle (in degrees)	N/A	N/A	N/A	N/A
Nominal Imaging Frequencies	4.3 MHz (1.6-7.6MHz)	5.8 MHz (4-9MHz)	5.3 MHz (4-9MHz)	7.4 MHz (3-16MHz)
Weight (probe + connection cable)	635	455	580	575
Cable length (cm)	220	220	250	220
Fully immersible probe	N/A	N/A	N/A	N/A
Sterilization is possible	N/A	N/A	N/A	N/A
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6474	MN1-6474	MN1-6474	MN1-6474
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual	See Instructon Manual	See Instructon Manual	See Instructon Manual
Reference	MN1-6474	MN1-6474	MN1-6474	MN1-6474
Biopsy guide	N/A	N/A	X	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All cooresponding natures of each probe are stated.

## 10. Transducers for FUTUS LE

	PN2-4-H	VN4-8-H	V5-9-H	VC41VF
Manufacturer	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation	FUJIFILM Healthcare Corporation
Type of probe (convex, linear, endocavitary, sector, 3D, 4D...)	sector	convex/ 4D	convex/ 4D	convex/ 4D
Number of elements	64	128	192	192
Nature of elements *1 crystals, ceramics, polymers, composite, CMUT	ceramics	ceramics	ceramics	ceramics
Shape of elements	-	38R	10R	10R
Dimension of the skin contact area (mm x mm)	26 x 17	66 x 45	24.4 x 24.4	24.2 x 24.2
Field of view (linear: width, convex: sector angle)	S: 90 deg.	C: 77 deg.	C: 150 deg.	C: 150 deg.
Type of scanning: mechanical? Electronic linear? Sector electronics (phased array or curved probe)?	Phased Array	Electronic convex	Electronic convex	Electronic convex
For 3D / 4D probes: rotation of the probe (electronic or mechanical)	N/A	Mechanical	Mechanical	Mechanical
For 3D / 4D probes: sweep angle (in degrees)	N/A	85 deg.	90 deg.	120 deg.
Nominal Imaging Frequencies	2.8 MHz (2-4MHz)	3.9 MHz, (4-8MHz)	5.7 MHz (5-9MHz)	5.3 MHz (2-10MHz)
Weight (probe + connection cable)	455	675	825	720
Cable length (cm)	215	220	240	240
Fully immersible probe	N/A	N/A	N/A	N/A
Sterilization is possible	N/A	N/A	N/A	N/A
Recommended method for decontamination and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-6474	See Instructon Manual MN1-6474	See Instructon Manual MN1-6474	See Instructon Manual MN1-6666
Recommended method for disinfection and recommended products (Trade name versus active ingredient)	See Instructon Manual Reference MN1-6474	See Instructon Manual MN1-6474	See Instructon Manual MN1-6474	See Instructon Manual MN1-6666
Biopsy guide	N/A	N/A	N/A	N/A

\*1 Suppose "composite" means 2 dimensional cut structure, All cooresponding natures of each probe are stated.

**FUJIFILM**  
**Value from Innovation**