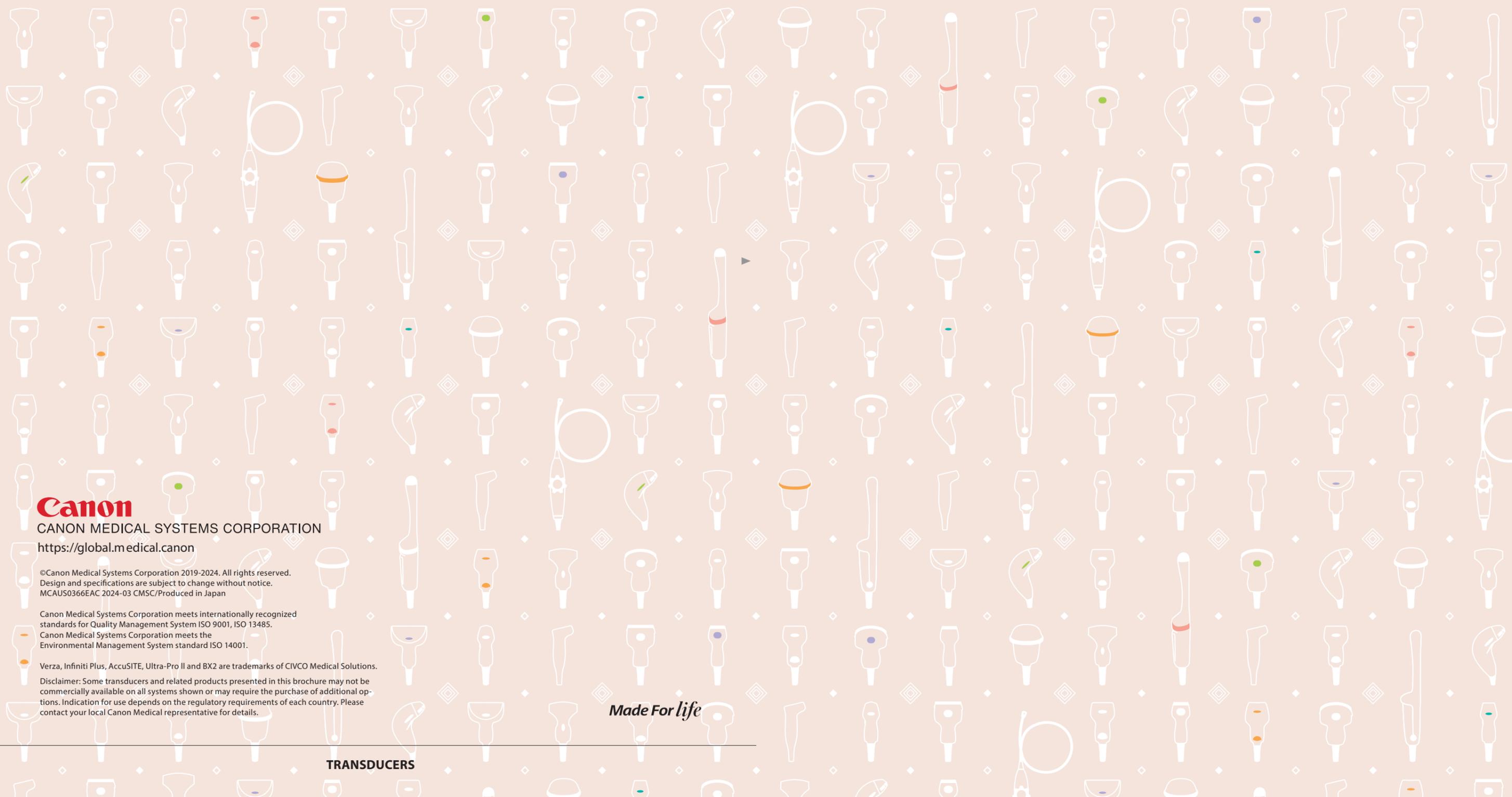




TRANSDUCERS

For Ultrasound Systems



Canon
CANON MEDICAL SYSTEMS CORPORATION

<https://global.medical.canon>

©Canon Medical Systems Corporation 2019-2024. All rights reserved.
Design and specifications are subject to change without notice.
MCAUS0366EAC 2024-03 CMSC/Produced in Japan

Canon Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.
Canon Medical Systems Corporation meets the Environmental Management System standard ISO 14001.

Verza, Infiniti Plus, AccuSITE, Ultra-Pro II and BX2 are trademarks of CIVCO Medical Solutions.

Disclaimer: Some transducers and related products presented in this brochure may not be commercially available on all systems shown or may require the purchase of additional options. Indication for use depends on the regulatory requirements of each country. Please contact your local Canon Medical representative for details.

Made For life

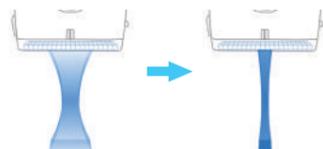
TRANSDUCERS



Aplio i700

iBeam Forming

- 
Multi-Sync Pulser
 Able to drive simultaneously pure waveforms with high precision creating a fine beam focus in the depth direction.
- 
Multi-Beam Receiver
 Enable to receive multiple simultaneous signals at high speed across a wide signal area, resulting in improved lateral and temporal resolution combined with higher frame rates.
- 
Multi-Harmonic Compounding
 Merges signals from individual beams with overlapping data from adjacent beams, virtually transforming each of them into thin, straight homogeneous beams, creating higher spatial resolution, contrast resolution and less artifacts.



iBeam Slicing

- 
intelligent Dynamic Micro-Slice (iDMS)
 Creates a thin slice beam with continuous focus from near field to far field by controlling the main and side elements separately.

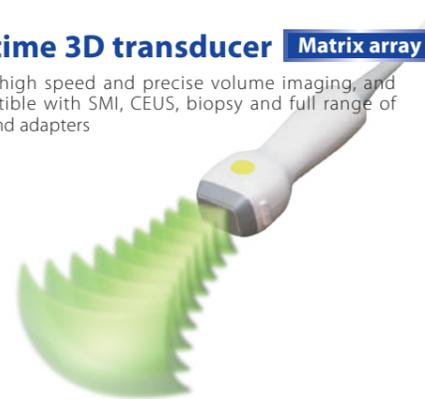


intelligent DMS

Aplio i800

Volume Matrix for Radiology

- 
Real time 3D transducer Matrix array
 Provides high speed and precise volume imaging, and is compatible with SMI, CEUS, biopsy and full range of sensors and adapters

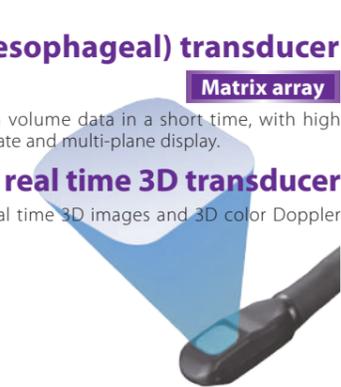


Volume Matrix

Aplio i900 CV

Volume Matrix for Cardiology

- 
3D TEE (Transesophageal) transducer Matrix array
 Acquires high resolution volume data in a short time, with high resolution, high volume rate and multi-plane display.
- 
Trans-thoracic real time 3D transducer
 Provides wide area of real time 3D images and 3D color Doppler images.



Volume Matrix

Aplio i-series

Prism Edition

Aplio i900 / Prism Edition v8.2 **CV**

Aplio i800 / Prism Edition v8.2

Aplio i700 / Prism Edition v8.2



Sector **PST-25BT**



1	2.5	1.7~4.7
2	Approx. 90°	-
3	Cardiac, pediatric, abdominal, adult cephalic, neonatal cephalic	
4	680-106	680-086 610-608
5	-	-
6	-	-
7	-	-

5S1

Sector **PSI-30VX**



Volume Matrix

1	3.0	1.8~5.2
2	Approx. 120°	-
3	Cardiac, pediatric, abdominal, adult cephalic	
4	680-156	680-157 610-1500/1502
5	-	-
6	UAFS-009A	-
7	-	-

Single Crystal

i6SVX1

Sector **PSI-70BT**



1	7.0	3.5~9.0
2	Approx. 90°	-
3	Cardiac, pediatric, abdominal, adult cephalic, neonatal cephalic	
4	-	-
5	-	-
6	-	-
7	-	-

i10S4

Convex **PVI-475BX**



intelligent DMS

1	4.0	1.8~6.4
2	Approx. 70°	Approx. 50 mm
3	Abdominal, fetal, pediatric, thoracic/pleural	
4	680-143	680-142 610-608
5	680-153	680-152 610-1500
6	UAFS-007A (included with UIFR-AI900A)	-
7	-	-

Single Crystal

i8CX1

Convex **PVT-674BT**



1	6.0	3.5~9.7
2	Approx. 65°	Approx. 40 mm
3	Abdominal, fetal, pediatric	
4	-	-
5	UAGV-028A	-
6	-	-
7	-	-

10C3

Linear **PLI-705BX**



intelligent DMS

1	7.0	3.5~11.5
2	Approx. 46 mm	-
3	Abdominal, peripheral vascular, small organs, musculoskeletal, thoracic/pleural	
4	680-150	680-151 610-1500
5	680-164	680-165 610-1017 610-1019
6	UAFS-008A	-
7	-	-

i11LX3

Sector **PST-28BT**



1	3.0	1.5~6.0
2	Approx. 120°	-
3	Cardiac, pediatric, abdominal, adult cephalic, neonatal cephalic	
4	-	-
5	-	-
6	UAFS-009A	-
7	-	-

Single Crystal

6S1

Sector **PSI-40VX**



Volume Matrix

1	4.0	1.8~6.0
2	Approx. 120°	-
3	Abdominal, fetal, pediatric, cardiac	
4	680-156	680-157 610-1500/1502
5	-	-
6	UAFS-009A	-
7	-	-

Single Crystal

i6SVX2

Convex **PVT-375BT**



1	3.5	1.5~6.0
2	Approx. 70°	Approx. 50 mm
3	Abdominal, fetal, pediatric	
4	680-105	680-085 610-608
5	-	-
6	Included with UIFR-AI900A	-
7	-	-

6C1

Convex **PVT-482BT**



1	4.0	1.8~6.0
2	Approx. 80°	Approx. 20 mm
3	Abdominal, fetal, pediatric	
4	-	610-1500/1502
5	-	-
6	UAFS-001A	-
7	-	-

Single Crystal

8MC1

Convex **PVT-712BT**



1	7.0	4.3~11.0
2	Approx. 100°	Approx. 15 mm
3	Neonatal cephalic, abdominal, pediatric	
4	680-127	680-126 610-608
5	-	-
6	-	-
7	-	-

11MC4

Linear **PLT-1005BT**



1	10.0	3.8~14.0
2	Approx. 58 mm	-
3	Abdominal, peripheral vascular, small organs, musculoskeletal, pediatric	
4	680-109	680-090 610-608
5	680-125	680-124 610-1231 610-1235
6	UAFS-004A	-
7	Water bag UAWB-022A	-

14L5

Sector **PSI-28VX**



Volume Matrix

1	3.0	1.8~5.0
2	Approx. 120°	-
3	Cardiac, pediatric, abdominal, adult cephalic, neonatal cephalic	
4	-	-
5	-	-
6	-	-
7	-	-

Single Crystal

i6SVX1

Sector **PST-50BT**



1	5.0	3.0~8.2
2	Approx. 90°	-
3	Cardiac, pediatric, abdominal, adult cephalic, neonatal cephalic	
4	-	-
5	-	-
6	-	-
7	-	-

6S3

Convex **PVT-375SC**



1	3.5	1.5~6.0
2	Approx. 70°	Approx. 50 mm
3	Abdominal, fetal, pediatric	
4	680-105	680-085 610-608
5	-	-
6	Included with UIFR-AI900A	-
7	-	-

Single Crystal

6Cs1

Convex **PVI-482BX**



intelligent DMS

1	4.0	1.8~6.0
2	Approx. 80°	Approx. 20 mm
3	Abdominal, fetal, pediatric	
4	-	610-1500/1502
5	-	-
6	UAFS-001A	-
7	-	-

Single Crystal

i8MCX1

Linear **PLI-605BX**



intelligent DMS

1	6.0	2.8~9.0
2	Approx. 46 mm	-
3	Abdominal, small organs, peripheral vascular, musculoskeletal	
4	680-174	680-175 610-1500
5	680-176	680-177 610-1017 610-1018 610-1019
6	UAFS-008A	-
7	-	-

Single Crystal

i9LX2

Linear **PLT-1202BT**



1	12.0	4.5~17.0
2	Approx. 25.6 mm	-
3	Peripheral vascular, small organs, intraoperative, musculoskeletal, pediatric	
4	-	-
5	-	-
6	UAFS-010A	-
7	-	-

17LH7

Sector **PST-30BT**



1	3.0	1.7~5.2
2	Approx. 90°	-
3	Cardiac, abdominal, adult cephalic, neonatal cephalic, pediatric	
4	680-106	680-086 610-608
5	-	-
6	-	-
7	-	-

5S2

Sector **PSI-50VX**



Volume Matrix

1	5.0	2.2~6.0
2	Approx. 90°	-
3	Cardiac, fetal, pediatric	
4	-	-
5	-	-
6	UAFS-009A	-
7	-	-

Single Crystal

i7SVX2

Convex **PVT-382BT**



1	3.5	2.0~5.0
2	Approx. 80°	Approx. 20 mm
3	Abdominal, fetal, pediatric	
4	680-111	680-110 680-112
5	UAGV-027A	-
6	UAFS-001A	-
7	-	-

6MC1

Convex **PVT-574BT**



1	5.0	2.0~9.5
2	Approx. 65°	Approx. 40 mm
3	Abdominal, fetal, pediatric	
4	680-168	680-169 610-1500
5	-	-
6	UAFS-008A	-
7	-	-

Single Crystal

10C1

Linear **PLT-704SBT**



1	7.5	4.0~10.5
2	Approx. 38 mm	-
3	Abdominal, small organs, peripheral vascular, musculoskeletal	
4	680-107	680-087 610-608
5	-	-
6	-	-
7	-	-

11L4

Linear **PLT-1204BT**



1	12.0	4.5~18.1
2	Approx. 38 mm	-
3	Abdominal, peripheral vascular, small organs, musculoskeletal	
4	680-102	680-088 610-608 610-1231 610-1235
5	680-123	680-122 610-1017 610-1018 610-1019
6	680-170	680-171 610-1017 610-1018 610-1019
7	UAACK-004A	-

18L7

Sector **PSI-30BX**



intelligent DMS

1	3.0	1.5~6.0
2	Approx. 120°	-
3	Cardiac, pediatric, abdominal, adult cephalic, neonatal cephalic, thoracic/pleural	
4	-	-
5	-	-
6	UAFS-009A	-
7	-	-

Single Crystal

i6SX1

Sector **PST-65BT**



1	7.0	3.5~12.0
2	Approx. 120°	-
3	Cardiac, pediatric	
4	-	-
5	-	-
6	-	-
7	-	-

12S4

Convex **PVI-475BT**



1	4.0	1.8~6.4
2	Approx. 70°	Approx. 50 mm
3	Abdominal, fetal, pediatric	
4	680-145	680-144 610-608
5	680-155	680-154 610-1500
6	UAFS-007A (included with UIFR-AI900A)	-
7	-	-

Single Crystal

i8C1

Convex **PVI-574BX**



intelligent DMS

1	5.0	2.0~9.5
2	Approx. 65°	Approx. 40 mm
3	Abdominal, fetal, pediatric	
4	680-166	680-167 610-1500
5	-	-
6	UAFS-008A	-
7	-	-

Single Crystal

i10CX1

Linear **PLT-705BT**



1	7.0	3.0~11.5
2	Approx. 45 mm	-
3	Abdominal, small organs, peripheral vascular, musculoskeletal	
4	680-129	680-128 610-608
5	-	-
6	-	-
7	-	-

11L3

1	Frequency (MHz)	Displayed range of freq. (MHz)
2	Field of view / angle	Curvature
3	Indication for use	
4	Starter Kit *1	Bracket Needle guide
5	Reusable biopsy adapter	
6	Fusion adapter	
7	Water bag / Sono coupler	

*1 Includes the bracket and the sterile procedure kit.
*2 Not available in the USA and Canada

Aplio i-series

Prism Edition

Aplio i900 / Prism Edition v8.2 **CV**

Aplio i800 / Prism Edition v8.2

Aplio i700 / Prism Edition v8.2



Linear **PLI-1205BX**

intelligent DMS

1	12.0	4.0~18.3
2	Approx. 46 mm	-
3	Abdominal, peripheral vascular, small organs, musculoskeletal, pediatric	
4	680-139 680-138 610-608	680-149 680-148 610-1500
5	680-132 680-133	610-1017 610-1018 610-1019
6	UAFS-008A	
7	UACK-004A	

i18LX5

Endocavity **PVT-781VTE**

1	7.0	3.6~11.0
2	Approx. 180°	Approx. 10 mm
3	Abdominal, transrectal, transvaginal	
4	-	680-121
5	UAGV-035A	
6	UAFS-006A	
7	-	

11C3

Biopsy **PVI-450BXP *2**

intelligent DMS

Single Crystal

1	4.0	1.8~6.2
2	Approx. 70°	Approx. 50 mm
3	Abdominal, fetal, pediatric	
4	-	680-172
5	UAGV-037A UAGV-038A	
6	UAFS-011A	
7	-	

i8CXP1

Intraoperative **PLT-705BTH**

1	7.0	3.8~8.4
2	Approx. 46 mm	-
3	Abdominal, intraoperative	
4	-	-
5	UAGV020A	
6	-	
7	-	

11LI4

PLI-2002BT

1	20.0	8.8~22.0
2	Approx. 25.6 mm	-
3	Peripheral vascular, small organs, intraoperative, musculoskeletal	
4	-	-
5	-	-
6	UAFS-010A	
7	-	

i22LH8

Endorectal **PVL-715RST**

1	7.5	4.5~9.0
2	Approx. 170°	Approx. 10 mm
3	Abdominal, transrectal	
4	-	-
5	UAGL-001AHA UAGL-002AHA	
6	UAFS-005A	
7	-	

11CL4

Intraoperative **PVT-745BTV**

1	7.0	3.2~10.0
2	Approx. 40°	Approx. 45 mm
3	Abdominal, small organs, intraoperative	
4	-	-
5	UAGV-029A	
6	-	
7	-	

11CI4

Transesophageal **PET-508MA**

1	5.0	2.5~7.0
2	Approx. 90°	-
3	Cardiac (Manual TEE) (transesophageal)	
4	-	-
5	-	-
6	-	-
7	-	-

7S3

Transesophageal **PET-609MA *2**

1	6.0	3.6~8.0
2	Approx. 90°	-
3	Cardiac (Manual TEE) (transesophageal)	
4	-	-
5	-	-
6	-	-
7	-	-

8S3

Mechanical 4D **PVT-681MVL**

1	6.0	3.6~11.0
2	Approx. 180°	Approx. 10 mm
3	Abdominal, transvaginal, transrectal	
4	-	680-131
5	-	-
6	-	-
7	-	-

11CV3

PLI-2004BX

intelligent DMS

1	20.0	8.8~24.0
2	Approx. 41 mm	-
3	Peripheral vascular, small organs, musculoskeletal, pediatric	
4	680-137 680-136 610-608	680-147 680-146 610-1500
5	680-134 680-135	610-1017 610-1018 610-1019
6	UAFS-008A	
7	UACK-004A	

i24LX8

PVT-770RT

1	7.0	4.7~10.0
2	Approx. 170°	Approx. 10 mm
3	Transrectal, transvaginal	
4	-	680-093 680-092
5	UAGV-023A	
6	-	
7	-	

10C5

PVT-745BTF

1	7.0	3.0~10.0
2	Approx. 40°	Approx. 45 mm
3	Abdominal, small organs, intraoperative	
4	-	-
5	-	-
6	-	-
7	-	-

11CI4

PET-512MB

1	5.0	3.0~8.5
2	Approx. 90°	-
3	Cardiac (Manual TEE) (transesophageal)	
4	-	-
5	-	-
6	-	-
7	-	-

8S2

Laparoscopic **PET-835LA**

1	8.0	3.5~9.0
2	Approx. 30°	-
3	Abdominal, laparoscopic	
4	-	-
5	-	-
6	-	-
7	-	-

12CI4

Pencil **PC-20M**

1	2.0	-
2	-	-
3	Cardiac, peripheral vascular, pediatric	
4	-	-
5	-	-
6	-	-
7	-	-

P2

PLI-3003BX

intelligent DMS

1	30.0	10.0~33.0
2	Approx. 31 mm	-
3	Musculoskeletal	
4	-	-
5	-	-
6	UAFS-008A	
7	-	

i33LX9

Biopsy **PLT-308BTP *2**

1	3.75	2.0~5.5
2	Approx. 85 mm	-
3	Abdominal	
4	-	-
5	UAGL-004AHA (included with transducer)	
6	-	
7	-	

6LP3

PVT-745BTH

1	7.0	3.0~10.0
2	Approx. 40°	Approx. 45 mm
3	Abdominal, small organs, intraoperative	
4	-	-
5	UAGV-034A	
6	-	
7	-	

11CI4

PET-512MD

1	5.0	3.0~8.5
2	Approx. 90°	-
3	Cardiac (Motor drive TEE) (transesophageal)	
4	-	-
5	-	-
6	-	-
7	-	-

8SM2

Mechanical 4D **PVT-675MVL**

1	6.0	2.5~7.0
2	Approx. 66°	Approx. 50 mm
3	Abdominal, fetal, pediatric	
4	-	-
5	-	-
6	-	-
7	-	-

9CV2

PC-50M

1	5.0	-
2	-	-
3	Cardiac, peripheral vascular, pediatric	
4	-	-
5	-	-
6	-	-
7	-	-

P5

Endocavity **PVT-781VT**

1	7.0	3.6~11.0
2	Approx. 180°	Approx. 10 mm
3	Abdominal, transrectal, transvaginal	
4	-	680-121
5	UAGV-035A	
6	UAFS-003A	
7	-	

11C3

PVT-350BTP *2

1	3.5	2.0~4.5
2	Approx. 70°	Approx. 50 mm
3	Abdominal	
4	-	-
5	UAGV-030A (included with transducer)	
6	UAFS-002A	
7	-	

6CP1

PLT-705BTF

1	7.0	3.8~8.4
2	Approx. 46 mm	-
3	Abdominal, intraoperative	
4	-	-
5	UAGV020A	
6	-	
7	-	

11LI4

PEI-512VX

Volume Matrix

Single Crystal

1	5.0	1.8~6.6
2	Approx. 90°	-
3	Cardiac (Electric scan 3D TEE) (transesophageal)	
4	-	-
5	-	-
6	-	-
7	-	-

i6SVX2

PVT-675MVS

1	6.0	2.5~7.5
2	Approx. 70°	Approx. 48 mm
3	Abdominal, fetal, pediatric	
4	-	-
5	-	-
6	-	-
7	-	-

9CV2

1	Frequency (MHz)	Displayed range of freq. (MHz)
2	Field of view / angle	Curvature
3	Indication for use	
4	Starter Kit *1	Bracket Needle guide
5	Reusable biopsy adapter	
6	Fusion adapter	
7	Water bag / Sono coupler	

*1 Includes the bracket and the sterile procedure kit.
*2 Not available in the USA and Canada