



SMART TRANSDUCER SERIES

LIGHT WEIGHT | EASY TO HANDLE | SMART DESIGN

the next level in ultrasound imaging

Convex Transducers

The broad range of convex transducers is suitable for various general examinations, and features comfortable grips, compact light weight designs and flexible cables.



Linear Transducers

Linear transducers with a wide frequency bandwidth provide high-quality images and are designed for the imaging of an extensive variety of superficial tissues such as the thyroid gland, breast, MSK and peripheral vessels.



Sector Transducers

The compact size and ergonomic profile facilitate easy operation for intercostal imaging. A significant increase in the frequency bandwidth is achieved by adopting single crystal transducer technology. For cardiology applications, sector transducers combine high frame rates with outstanding diagnostic performance.



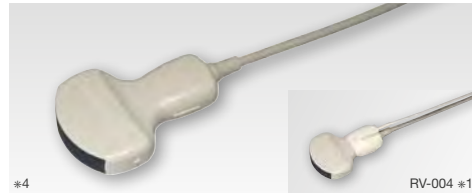
Biopsy/Intraoperative Transducers

One key advantage of ultrasound imaging is the ability to monitor biopsy procedures in real time. The range of dedicated biopsy and intraoperative transducers is designed for ease-of-use, and to support safe surgery and accurate interventions.



C251

Abdomen
5 - 1 MHz
70 deg. (50R)



*4 RV-004 *1

C252

Abdomen
6 - 1 MHz
70 deg. (50R)



*1 *4 RV-004 *1

C253

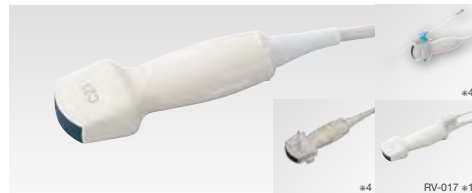
Abdomen
5 - 1 MHz
70 deg. (50R)



*2

C23 / C23RV

Abdomen Micro-Convex
6 - 1 MHz
70 deg. (25R)



*4 RV-017 *1

C35

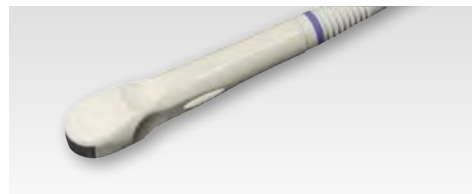
Abdomen
8 - 2 MHz
70 deg. (50R)



*1 *4 RV-004 *1

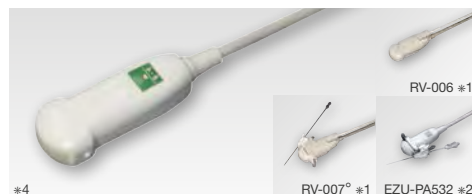
C41

Abdomen, Small Parts
13 - 4 MHz
100 deg. (12R)



C42

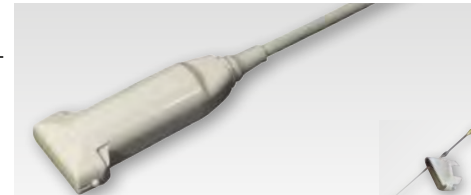
Abdomen, Small Parts
8 - 4 MHz
80 deg. (21R)



*4 RV-007 *1 EZU-PA532 *2

L34

Small parts
7 - 3 MHz
38 mm



*4 EZU-PA3C1(H) *3

L35

Small parts
9 - 2 MHz
45 mm



*4 RV-017 *1

L441

Small parts
12 - 2 MHz
38 mm



*4

L442

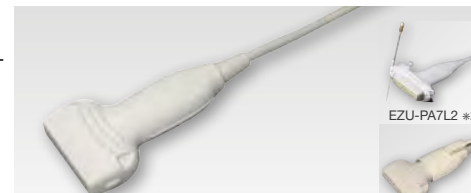
Small parts
12 - 2 MHz
38 mm



*3

L55

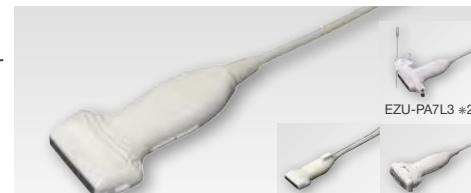
Small parts
13 - 5 MHz
50 mm



*2 EZU-PA7L2 *2 RV-008 *1

L64

Small parts
18-5 MHz
38 mm



*2 EZU-PA7L3 *2 RV-009 *1 EZU-TEATC2 *3

S11

Cardiology
5 - 1 MHz
90 deg.



S121

Cardiology
5 - 1 MHz
90 deg.



S211

Cardiology
5 - 1 MHz
90 deg.



S31

Cardiology
9 - 2 MHz
90 deg.



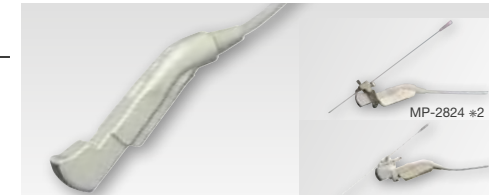
S42

Cardiology
14 - 3 MHz
90 deg.



C22P

Biopsy
6 - 1 MHz
74 deg. (22R)



MP-2824 *2 EZU-PA7C2 *2

C25P

Biopsy
5 - 1 MHz
70 deg. (50R)

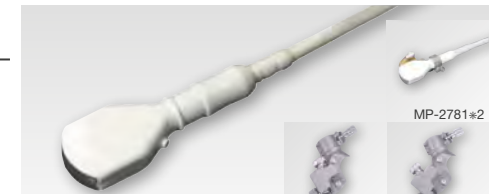


RV-005 *1 EZU-PA7B1-1/2/3/4/C *2

* Photo taken with optional Biopsy Guide Attachment

C22K

Intraoperative
6 - 1 MHz
82 deg. (21R)



MP-2781 *2 MP-2781-25 *2

C42K

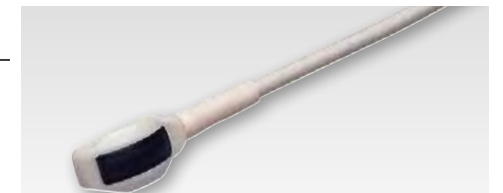
Intraoperative
10 - 4 MHz
65 deg. (21R)



MP-2783 *2 MP-2458 *2

C221

Intraoperative
6 - 1 MHz
82 deg. (20R)



*5

C22T

Intraoperative
6 - 1 MHz
82 deg. (20R)



*5

- *1 Optional RVS Attachment
- *2 Optional Biopsy Guide Attachment
- *3 Optional Acoustic Coupler Attachment
- *4 Optional Disposable Biopsy Guide Attachment from CIVCO available
- *5 Optional Waterproof Connector Case available

C42T

Intraoperative
10 - 3 MHz
65 deg. (20R)



L46K1

Intraoperative
14 - 2 MHz
63 mm



L43K

Intraoperative
12 - 2 MHz
26 mm



L44LA

Intraoperative
13 - 2 MHz
36 mm



L51K

Intraoperative
15 - 3 MHz
13 mm



L44LA1

Intraoperative
13 - 2 MHz
38 mm



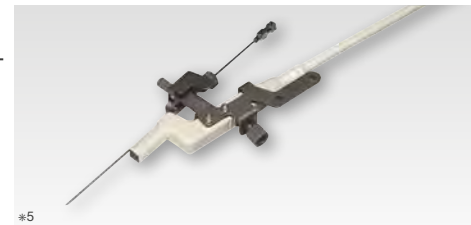
L53K

Intraoperative
15 - 3 MHz
25 mm



S31KP

Biopsy/Intraoperative
8 - 3 MHz
90 deg.



L44K

Intraoperative
14 - 2 MHz
42 mm



L46K

Intraoperative
13 - 3 MHz
60 mm



3D/4D Transducers

The compact and light weight 3D/4D transducers allow examinations to be performed with less strain on the examiner.



Endocavity Transducers

The diverse lineup of transducers supports a wide variety of clinical uses. This includes our original real-time biplane method, the 360° radial transducer for observation of the prostate, anal canal and rectum, the end-fire method for easy biopsy, and the transvaginal transducer with improved shape to reduce discomfort for the patient.



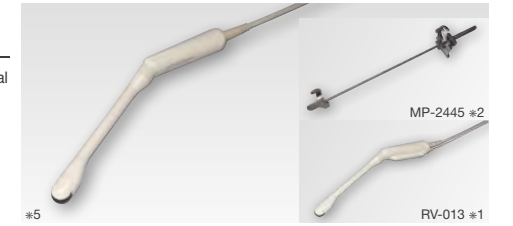
VC34

Abdomen
7 - 2 MHz
70 deg. (40R)



C41B

Transvaginal, Transrectal
10 - 2 MHz
200 deg. (10R)



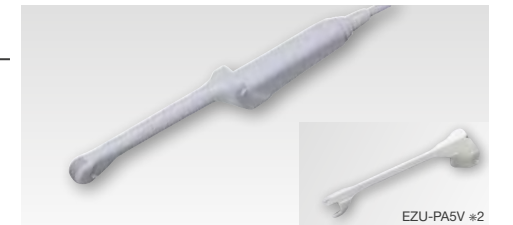
VC35

Abdomen, OB
8 - 2 MHz
72 deg. (46R)



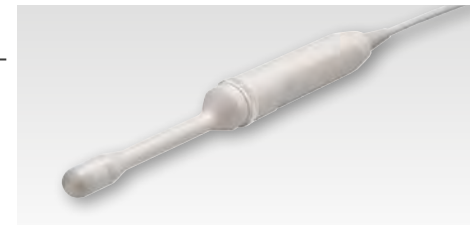
C41V

Transvaginal
8 - 4 MHz
200 deg. (10R)



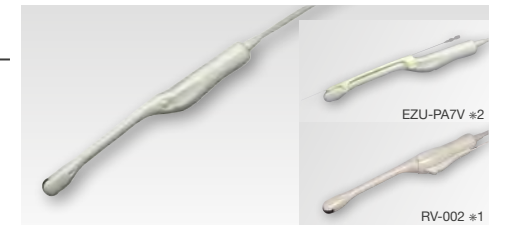
VC41V

Transvaginal
8 - 2 MHz
145 deg. (10R)



C41V1

Transvaginal
10 - 2 MHz
200 deg. (10R)



C41RP

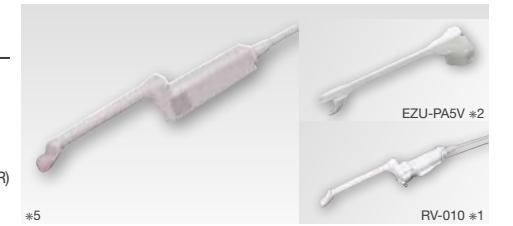
Transrectal
9 - 2 MHz
180 deg. (9R)



* Biopsy Guide Attachment MP-2452-G18 is standard component

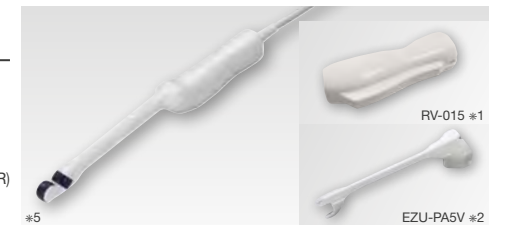
CC41R

Transrectal
Bi-Plane
Convex / Convex
8 - 4 MHz
100 deg. / 120 deg. (10R)



CC41R1

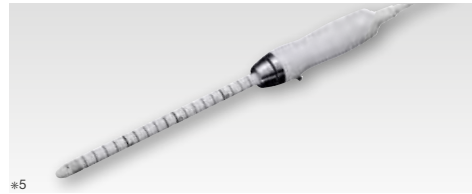
Transrectal
Bi-Plane
Convex / Convex
10 - 2 MHz
180 deg. / 180 deg. (9R)



- *1 Optional RVS Attachment
- *2 Optional Biopsy Guide Attachment
- *3 Optional Acoustic Coupler Attachment
- *4 Optional Disposable Biopsy Guide Attachment from CIVCO available
- *5 Optional Waterproof Connector Case available

R41R

Transrectal
10 - 5 MHz
360 deg. (6R)



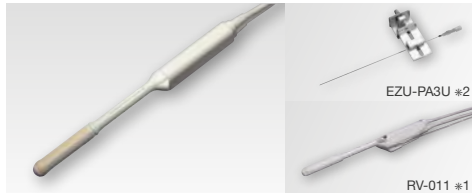
R41RL

Transrectal
10 - 5 MHz
360 deg. (6R)



C41L47RP

Transrectal
Bi-Plane
Convex / Linear
8 - 4 / 10 - 5 MHz
200 deg. (10R) / 64 mm



CL4416R

Transrectal
Bi-Plane
Convex / Linear
10 - 2 / 14 - 2 MHz
180 deg. (9R) / 63 mm



CL4416R1

Transrectal
Bi-Plane
Convex / Linear
10 - 2 / 14 - 2 MHz
180 deg. (9R) / 63 mm



4D Matrix Transducers

Single crystal, matrix array 3D transducer for 3D cardiac applications. Built to withstand the rigors of daily operation, with easy-to-use controls and exceptional 2D, bi-plane and 3D image resolution.



MXS2ESLL1

Cardiology
10 - 1 MHz
90 deg.



MXS1

Cardiology
5 - 1 MHz
90 deg.



*1 Optional RVS Attachment
*2 Optional Biopsy Guide Attachment
*3 Optional Acoustic Coupler Attachment
*4 Optional Disposable Biopsy Guide Attachment from CIVCO available
*5 Optional Waterproof Connector Case available

Transesophageal Transducers

Transesophageal transducers depict the heart and surrounding structures with high definition. With a fine tip that enables easy operation, they are designed for patient comfort while maintaining excellent image quality.



S3ESEL

Cardiology
8 - 2 MHz
90 deg.



S3ESL1

Cardiology
9 - 2 MHz
90 deg.



S3ESCLS

Cardiology
8 - 2 MHz
90 deg.



4G CMUT Transducers

The fourth generation of CMUT (Capacitive Micro-machined Ultrasound Transducer) offers a one-probe solution for whole body imaging, supporting not only scanning of superficial structures, but also deep-seated organs and blood vessels.



SML44

Whole Body Linear
22 - 2 MHz
38 mm



Waterproof Connector Case

This dedicated device is for protecting the transducer connector from detergent and disinfection solutions during the cleaning and sterilizing process. Once attached, the whole transducer can be submerged into the cleaning fluid.



WP-001

Option available for selected transducers, marked with "a5" in this brochure.



Convex Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
C251	5 - 1 MHz	50R	70°	System	•	•		•	•
				CHI	•	•			
				RTE	•			•	
				RVS	•				
C252	6 - 1 MHz	50R	70°	System	•	•	•		
				CHI	•	•	•		
				RTE	•		•		
				RVS	•		•		
C253	5 - 1 MHz	50R	70°	System	•		•	•	•
				CHI	•		•	•	•
				RTE	•		•	•	•
				RVS	•		•	•	•
C23/C23RP	6 - 1 MHz	25R	70°	System	•		•	•	
				CHI	•		•	•	
				RTE	•		•	•	
				RVS	•		•	•	
C35	8 - 2 MHz	50R	70°	System	•	•	•	•	•
				CHI	•	•	•	•	•
				RTE	•		•	•	
				RVS	•		•	•	
C41	13 - 4 MHz	12R	100°	System			•	•	
				CHI					
				RTE					
				RVS					
C42	8 - 4 MHz	21R	80°	System	•	•	•	•	
				CHI	•		•	•	
				RTE	•		•	•	
				RVS	•		•	•	

Linear Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
L34	7 - 3 MHz	-	38 mm	System	•	•	•	•	
				CHI	•	•			
				RTE	•		•	•	
				RVS	•				
L35	9 - 2 MHz	-	45 mm	System	•	•			
				CHI	•	•			
				RTE	•				
				RVS	•				
L441	12 - 2 MHz	-		System	•	•	•	•	
				CHI	•	•	•	•	
				RTE	•		•	•	
				RVS	•		•	•	
L442	12 - 2 MHz	-	38 mm	System	•		•	•	•
				CHI	•		•	•	•
				RTE	•		•	•	•
				RVS	•		•	•	•
L55	13 - 5 MHz	-	50 mm	System	•		•	•	•
				CHI	•		•	•	•
				RTE	•		•	•	•
				RVS	•		•	•	•
L64	18 - 5 MHz	-	38 mm	System	•	•	•	•	•
				CHI	•		•	•	•
				RTE	•		•	•	•
				RVS	•		•	•	•

Sector Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
S11	5 - 1 MHz	-	90°	System	•		•	•	•
				CHI					
				RTE					
				RVS					
S121	5 - 1 MHz	-	120°	System	•	•	•		
				CHI	•	•	•		
				RTE					
				RVS					
S211	5 - 1 MHz	-	90°	System				•	
				CHI					
				RTE					
				RVS					
S31	9 - 2 MHz	-	90°	System	•	•	•	•	•
				CHI	•		•	•	•
				RTE	•		•	•	•
				RVS	•		•	•	•
S42	14 - 3 MHz	-	100°	System	•	•	•		
				CHI	•		•		
				RTE	•		•		
				RVS	•		•		

Biopsy/Intraoperative Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880LE	ARIETTA 750	ARIETTA 65	ARIETTA 50
C22P	6 - 1 MHz	22R	74°	System	•		•	•	•
				CHI	•		•		
				RTE					
				RVS	•		•		
C25P	5 - 1 MHz	50R	70°	System	•		•	•	
				CHI	•		•		
				RTE					
				RVS	•		•		
C22K	6 - 1 MHz	21R	82°	System	•		•	•	
				CHI	•		•		
				RTE					
				RVS					
C42K	10 - 4 MHz	21R	65°	System	•	•	•	•	•
				CHI	•		•		
				RTE					
				RVS					
C22I	6 - 1 MHz	20R	82°	System			•		
				CHI			•		
				RTE					
				RVS					
C22T	6 - 1 MHz	20R	82°	System			•		
				CHI			•		
				RTE					
				RVS					
C42T	10 - 3 MHz	20R	65°	System	•		•	•	
				CHI	•		•		
				RTE	•		•		
				RVS	•		•		
L43K	12 - 2 MHz	-	26 mm	System	•		•	•	
				CHI	•		•		
				RTE	•		•		
				RVS					
L51K	15 - 3 MHz	-	13 mm	System	•		•	•	
				CHI	•		•		
				RTE	•		•		
				RVS					
L53K	15 - 3 MHz	-	25 mm	System	•	•	•	•	•
				CHI	•		•		
				RTE	•		•		
				RVS					
L44K	14 - 2 MHz	-	42 mm	System	•		•	•	
				CHI	•		•		
				RTE	•		•		
				RVS					
L46K	13 - 3 MHz	-	60 mm	System					
				CHI					
				RTE					
				RVS					
L46K1	14 - 2 MHz	-	63 mm	System	•		•	•	
				CHI	•		•		
				RTE	•		•		
				RVS					
L44LA	13 - 2 MHz	-	36 mm	System	•		•	•	
				CHI	•		•		
				RTE	•		•		
				RVS					
L44LA1	13 - 2 MHz	-	38 mm	System	•		•		
				CHI					
				RTE					
				RVS					
S31KP	8 - 3 MHz	-	90°	System			•	•	
				CHI			•		
				RTE					
				RVS					

3D/4D Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
VC34	7 - 2 MHz	40R	70°	System	•				
				CHI					
				RTE					
				RVS					
VC35	8 - 2 MHz	46R	72°	System	•		•	•	
				CHI					
				RTE					
				RVS					
VC41V	8 - 2 MHz	10R	145°	System	•		•	•	
				CHI					
				RTE	•		•		
				RVS					

Endocavity Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
C41B	10 - 2 MHz	10R	200°	System	•		•	•	•
				CHI	•		•		
				RTE	•		•		
				RVS	•		•		
C41V	8 - 4 MHz	10R	200°	System			•	•	•
				CHI			•		
				RTE			•		
				RVS			•		
C41V1	10 - 2 MHz	10R	200°	System	•		•	•	•
				CHI	•		•		
				RTE	•		•		
				RVS	•		•		
C41RP	9 - 2 MHz	9R	180°	System	•		•	•	•
				CHI			•		
				RTE			•		
				RVS			•		
CC41R	8 - 4 MHz	10R	100° / 120°	System	•		•	•	•
				CHI	•		•		
				RTE	•		•		
				RVS	•		•		
CC41R1	10 - 2 MHz	9R	180° / 180°	System	•		•	•	
				CHI			•		
				RTE	•		•		
				RVS	•		•		
R41R	10 - 5 MHz	6R	360°	System	•		•	•	
				CHI			•		
				RTE	•		•		
				RVS			•		
R41RL	10 - 5 MHz	6R	360°	System	•		•	•	
				CHI			•		
				RTE	•		•		
				RVS			•		
C41L47RP	8 - 4 MHz 10 - 5 MHz	10R	200° / 64 mm	System	•		•	•	•
				CHI			•		
				RTE	•		•		
				RVS	•		•		
CL4416R	10 - 2 MHz 14 - 2 MHz	9R	180° / 63 mm	System	•		•	•	
				CHI			•		
				RTE	•		•		
				RVS	•		•		
CL4416R1	10 - 2 MHz 14 - 2 MHz	9R	180° / 63 mm	System			•	•	
				CHI			•		
				RTE			•		
				RVS			•		

Transesophageal Transducers

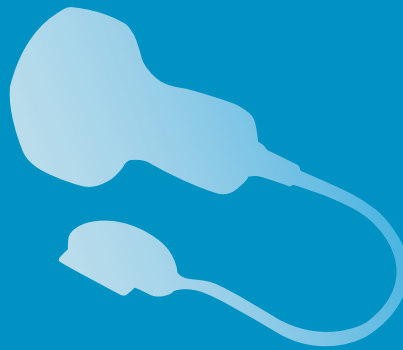
	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
S3ESEL	8 - 2 MHz	-	90°	System	•	•	•	•	
				CHI					
				RTE					
				RVS					
S3ESL1	9 - 2 MHz	-	90°	System	•	•	•		
				CHI					
				RTE					
				RVS					
S3ESCLS	8 - 2 MHz	-	90°	System	•	•			
				CHI					
				RTE					
				RVS					

4G CMUT Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
SML44	22 - 2 MHz	-	38 mm	System	•	•			
				CHI					
				RTE	•				
				RVS	•				

4D Matrix Transducers

	Frequency	Radius	FOV	Function	ARIETTA 850	LISENDO 880	ARIETTA 750	ARIETTA 65	ARIETTA 50
MXS2-ESLL1	10 - 1 MHz	-	90°	System		•			
				CHI					
				RTE					
				RVS					
MXS1	5 - 1 MHz	-	90°	System	•	•	•		
				CHI					
				RTE					
				RVS					



SMART TRANSDUCER SERIES

- ARIETTA and LISENDO are registered trademarks or trademarks of FUJIFILM Healthcare Corporation in Japan and other countries.
- FUJIFILM Healthcare Corporation reserves the right to make changes in specifications and features shown herein, or discontinue a product described at any time without notice.
- The standard components, optional items and compatibilities may vary depending on system configuration and country.
- Please read the instruction manual prior to using the product.

FUJIFILM

Manufactured and distributed by
FUJIFILM Healthcare Corporation

2-1 Shintoyofuta, Kashiwa-shi, Chiba, 277-0804, Japan
www.fujifilm.com/fhc/en

Distributor for Europe
FUJIFILM Healthcare Europe Holding AG

Sumpfstrasse 13, 6312 Steinhausen, Switzerland
www.fujifilm.com/hce

SMART Transducers_FF/EU-Version/EN, 09/2021/v1/NIK