

Smart Transducer  
Series

Light weight

Easy to handle

Smart design

Innovating Healthcare, Embracing the Future

For a society where all can enjoy a secure, safe, healthy way of life,  
Hitachi delivers innovation for implementing healthcare services  
tailored to individuals.

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·ARIETTA 850SE is the model limiting the functions of ARIETTA 850.  
·Specifications and appearance may be subject to change for improvement without notice.  
For proper use of the system, be sure to read the operating manual prior to placing it into service.  
·The standard components and optional items differ depending on the country.  
Not all products are marketed in all countries.  
Please contact your local Hitachi distributors for details.





Convex Transducers

C251

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

RV-004 \*1

C23

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

RV-017 \*1

C252

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

RV-004 \*1

C23RV

Abdomen  
Built-in sensor\*  
6-1MHz  
70deg.  
(25R)

\*Built-in magnetic sensor for RVS

C253

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

RV-004 \*1

C35

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

RV-004 \*1

C41

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

C42

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

RV-006 \*1  
RV-007 \*1  
EZU-PA532 \*2

1 Photo taken with Needle Guide Bracket (optional)

Linear Transducers

L34

Small parts  
7-3MHz  
38mm

EZU-PA3C1H \*3

SML44

Small parts  
22-2MHz  
38mm

RV-014 \*1

L44

Small parts  
9-4MHz  
38mm

EZU-PA7L1 \*3

L35

Small parts  
9-2MHz  
45mm

RV-017 \*1

L441

Small parts  
12-2MHz  
38mm

L442

Small parts  
12-2MHz  
38mm

EZU-PA7L1 \*3

L55

Small parts  
13-5MHz  
50mm

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

L64

Small parts  
18-5MHz  
38mm

RV-009 \*1  
EZU-PA7L3 \*2  
EZU-TEATC2 \*4  
SF-001 \*10  
EZU-TECPL1 \*10

Sector Transducers

**MXS1**

Cardiology  
5-1MHz  
90deg.



**S31**

Cardiology  
9-2MHz  
90deg.



**S11**

Cardiology  
5-1MHz  
90deg.



**S42**

Cardiology  
14-3MHz  
90deg.



**S12**

Cardiology  
5-1MHz  
90deg.



**S121**

Cardiology  
5-1MHz  
90deg.



**S211**

Cardiology  
5-1MHz  
90deg.



Transesophageal Transducers

**MXS2ESLL1**

Cardiology  
10-1MHz  
90deg.



**S3ESEL**

Cardiology  
8-2MHz  
90deg.



**S3ESL1**

Cardiology  
9-2MHz  
90deg.



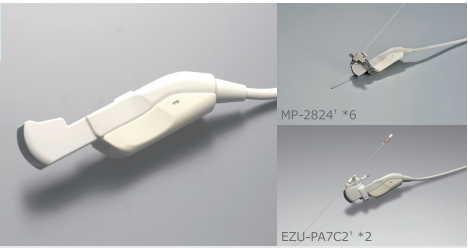
**S3ESCLS**

Cardiology  
8-2MHz  
90deg.





**C22P**  
Biopsy  
6-1MHz  
74deg.  
(22R)



MP-2824 \*6  
EZU-PA7C2 \*2

† Photo taken with RVS Attachment (standard component)

**C42T**  
Intraoperative  
10-3MHz  
65deg.  
(20R)

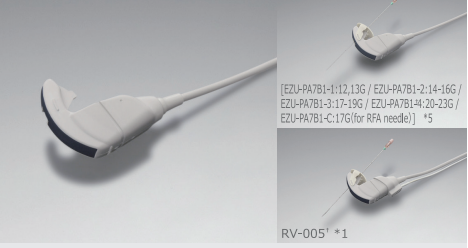


RV-003 \*1

**L44LA1**  
Intraoperative  
13-2MHz  
38mm



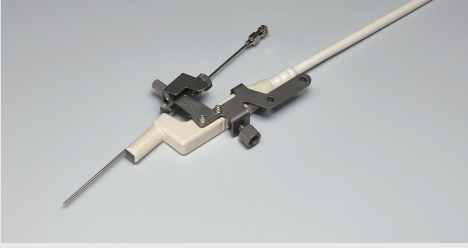
**C25P**  
Biopsy  
5-1MHz  
70deg.  
(50R)



[EZU-PA7B1-3:12,13G / EZU-PA7B1-2:14-16G / EZU-PA7B1-3:17-19G / EZU-PA7B1-4:20-23G / EZU-PA7B1-C:17G(for RFA needle)] \*5  
RV-005 \*1

† Photo taken with Biopsy Attachment (optional)

**S31KP**  
Biopsy /  
Intraoperative  
8-3MHz  
90deg.



† Photo taken with Puncture Adapter MP-2450 (standard component)

**L46K**  
Intraoperative  
13-3MHz  
60mm



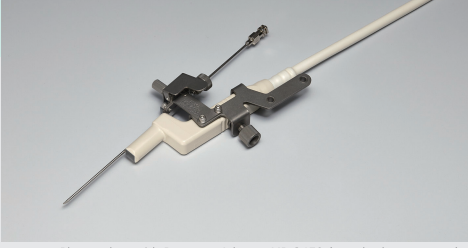
MP-2448 \*6

**C22K**  
Intraoperative  
6-1MHz  
82deg.  
(21R)



MP-2781 \*6  
MP-2781-5 \*6 MP-2781-25 \*6

**L31KP**  
Biopsy /  
Intraoperative  
9-2MHz  
6mm



† Photo taken with Puncture Adapter MP-2450 (standard component)

**L46K1**  
Intraoperative  
14-2MHz  
63mm



**C22I**  
Intraoperative  
6-1MHz  
82deg.  
(20R)



**L43K**  
Intraoperative  
12-2MHz  
26mm



**L51K**  
Intraoperative  
15-3MHz  
13mm



**C22T**  
Intraoperative  
6-1MHz  
82deg.  
(20R)



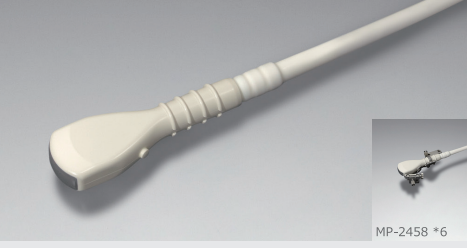
**L44K**  
Intraoperative  
14-2MHz  
42mm



**L53K**  
Intraoperative  
15-3MHz  
25mm



**C42K**  
Intraoperative  
10-4MHz  
65deg.  
(21R)



MP-2458 \*6

**L44LA**  
Intraoperative  
13-2MHz  
36mm





C41B

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



MP-2445 \*8  
RV-013 \*1

CL4416R

Transrectal  
C:10-2MHz  
L:14-2MHz  
C:180deg.  
L:63mm



BA-001 \*6  
RV-011 \*1

VC34

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



C41RP

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

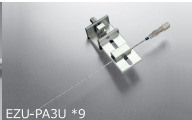
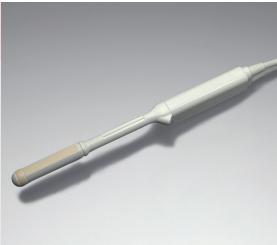


MP-2452-G16 \*8

† Puncture Adapter MP-2452-G18 for C41RP transducer is standard component

C41L47RP

Transrectal  
C:8-4MHz  
L:10-5MHz  
C:200deg.(10R)  
L:64mm



EZU-PA3U \*9  
RV-011 \*1

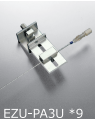
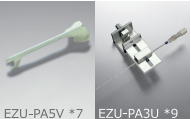
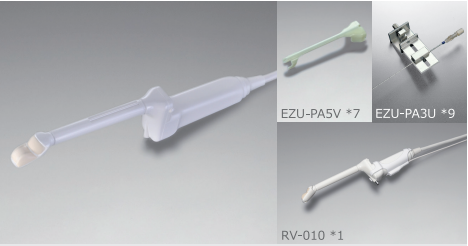
VC35

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



CC41R

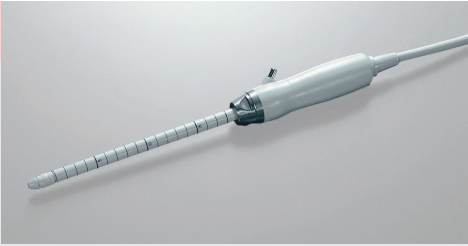
Transrectal  
8-4MHz  
(Both sagittal and axial scan head)  
100deg.(10R) (Sagittal scan)/  
120deg.(10R) (Axial scan)



EZU-PA5V \*7  
EZU-PA3U \*9  
RV-010 \*1

R41R

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



VC41V

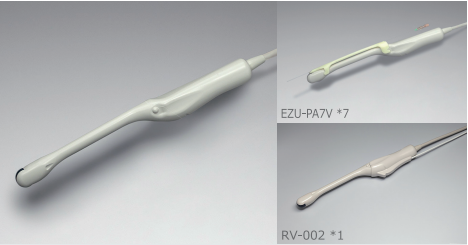
Transvaginal  
8-2MHz  
145deg.†  
(10R)



† The maximum viewing angle depends on the model to connect.

C41V1

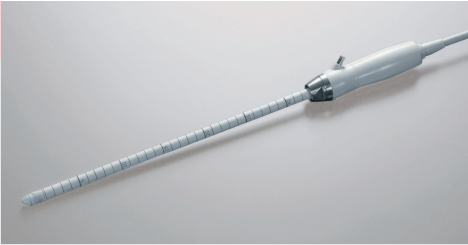
Transvaginal  
10-2MHz  
200deg.  
(10R)



EZU-PA7V \*7  
RV-002 \*1

R41RL

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



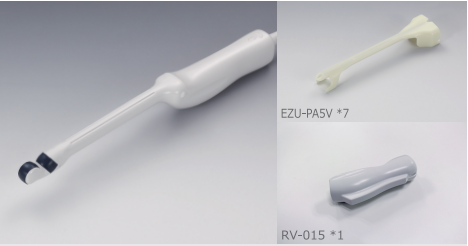
VL54

Small parts  
13-5MHz  
38mm



CC41R1

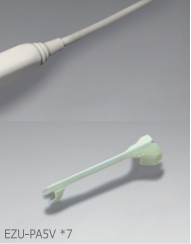
Transrectal  
10-2MHz  
(Both sagittal and axial scan head)  
180deg.(9R)  
(Both sagittal and axial scan head)



EZU-PASV \*7  
RV-015 \*1

C41V

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



EZU-PASV \*7

\*# (Optional)

- \*1 RVS attachment
- \*2 Needle guide bracket
- \*3 Coupler attachment
- \*4 Acoustic coupler attachment
- \*5 Biopsy attachment
- \*6 Puncture adapter
- \*7 Sterile puncture adoptor
- \*8 Puncture guide tube
- \*9 Puncture guide fixture
- \*10 Acoustic coupler

List of optional Transducers

|                                       |             | LISENDO 880 LE | ARIETTA 850LE/850 | ARIETTA 850 SE | ARIETTA 750LE/750SE/750VE | ARIETTA 70/570/V70 | ARIETTA 65 | ARIETTA 60/S60/V60 | ARIETTA 50 LE/50 | Noblus | ARIETTA Precision | ARIETTA Prologue |
|---------------------------------------|-------------|----------------|-------------------|----------------|---------------------------|--------------------|------------|--------------------|------------------|--------|-------------------|------------------|
| Convex Transducers                    | C251        | ✓              | ✓                 | ✓              |                           | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 | ✓                |
|                                       | C252 *      | ✓              | ✓                 | ✓              | ✓                         |                    |            |                    |                  |        |                   |                  |
|                                       | C253        |                |                   | ✓              | ✓                         |                    | ✓          |                    | ✓                |        |                   |                  |
|                                       | C35         | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   | ✓                |
|                                       | C41         |                |                   |                | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   |                  |
|                                       | C42         | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   | ✓                |
|                                       | C23 *       |                | ✓                 | ✓              | ✓                         |                    |            |                    |                  |        |                   |                  |
|                                       | C23RV *     |                | ✓                 | ✓              | ✓                         |                    |            |                    |                  |        |                   |                  |
|                                       | L34         | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   |                  |
| Linear Transducers                    | L44         |                |                   |                |                           |                    |            | ✓                  |                  | ✓      |                   | ✓                |
|                                       | L441        | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 | ✓                |
|                                       | L442        |                |                   | ✓              | ✓                         |                    | ✓          |                    | ✓                |        |                   |                  |
|                                       | L55         |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                | ✓      |                   | ✓                |
|                                       | L64         | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                | ✓      | ✓                 | ✓                |
|                                       | SML44       | ✓              | ✓                 | ✓              |                           |                    |            |                    |                  |        |                   |                  |
|                                       | L35 *       | ✓              | ✓                 | ✓              |                           |                    |            |                    |                  |        |                   |                  |
|                                       | MXS1 *      | ✓              | ✓                 |                | ✓                         |                    |            |                    |                  |        |                   |                  |
|                                       | S11         |                |                   | ✓              | ✓                         |                    | ✓          |                    | ✓                |        |                   |                  |
| Sector Transducers                    | S12 *       |                |                   |                |                           | ✓                  |            |                    |                  |        |                   |                  |
|                                       | S121 *      | ✓              | ✓                 | ✓              | ✓                         |                    |            |                    |                  |        |                   |                  |
|                                       | S211 *      |                |                   |                |                           |                    | ✓          | ✓                  |                  | ✓      |                   | ✓                |
|                                       | S31 *       | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   | ✓                |
|                                       | S42         | ✓              | ✓                 | ✓              | ✓                         | ✓                  |            |                    |                  |        |                   |                  |
|                                       | MXS2ESLL1 * | ✓              |                   |                |                           |                    |            |                    |                  |        |                   |                  |
|                                       | S3ESEL      | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          |                    |                  | ✓      |                   |                  |
|                                       | S3ESL1      | ✓              | ✓                 | ✓              | ✓                         | ✓                  |            | ✓                  |                  | ✓      |                   |                  |
|                                       | S3ESCLS     | ✓              | ✓                 | ✓              |                           |                    |            |                    |                  |        |                   |                  |
| Transesophageal transducers           | C22P        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                | ✓      | ✓                 | ✓                |
|                                       | C25P        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  |        | ✓                 | ✓                |
|                                       | C22K        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   |                  |
|                                       | C22I        |                |                   |                | ✓                         | ✓                  |            | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | C22T        |                |                   |                | ✓                         | ✓                  |            | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | C42K        | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 | ✓                |
|                                       | C42T        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | S31KP       |                |                   |                | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | L31KP       |                |                   |                |                           | ✓                  |            |                    |                  |        |                   |                  |
| Biopsy/ Intraoperative Transducers    | L43K        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | L44K        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  |        | ✓                 |                  |
|                                       | L44LA       |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | L44LA1      |                | ✓                 | ✓              | ✓                         | ✓                  |            | ✓                  |                  | ✓      | ✓                 |                  |
|                                       | L46K        |                |                   |                |                           | ✓                  |            | ✓                  |                  |        |                   |                  |
|                                       | L46K1       |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          |                    |                  |        | ✓                 |                  |
|                                       | L51K        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  |        | ✓                 |                  |
|                                       | L53K        | ✓              | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                |        | ✓                 | ✓                |
|                                       | C41B        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                | ✓      |                   | ✓                |
|                                       | C41RP       |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                |        |                   |                  |
|                                       | CC41R       |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   |                  |
|                                       | C41V1       |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  | ✓                | ✓      |                   | ✓                |
|                                       | CC41R1      |                | ✓                 | ✓              |                           | ✓                  | ✓          | ✓                  |                  |        | ✓                 |                  |
|                                       | C41V        |                |                   |                | ✓                         |                    | ✓          |                    | ✓                | ✓      | ✓                 |                  |
|                                       | CL4416R     |                | ✓                 | ✓              |                           | ✓                  | ✓          | ✓                  |                  |        | ✓                 |                  |
|                                       | C41L47RP    |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      | ✓                 |                  |
| Transvaginal, Transrectal Transducers | R41R        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  | ✓      |                   |                  |
|                                       | R41RL       |                | ✓                 | ✓              | ✓                         | ✓                  |            | ✓                  |                  |        | ✓                 |                  |
|                                       | VC34        |                | ✓                 | ✓              |                           | ✓                  |            | ✓                  |                  |        |                   |                  |
|                                       | VC35        |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  |        |                   |                  |
|                                       | VC41V       |                | ✓                 | ✓              | ✓                         | ✓                  | ✓          | ✓                  |                  |        |                   |                  |
|                                       | VL54        |                |                   |                |                           | ✓                  |            | ✓                  |                  |        |                   |                  |
| 3D/4D transducers                     |             |                |                   |                |                           |                    |            |                    |                  |        |                   |                  |
|                                       |             |                |                   |                |                           |                    |            |                    |                  |        |                   |                  |
|                                       |             |                |                   |                |                           |                    |            |                    |                  |        |                   |                  |
|                                       |             |                |                   |                |                           |                    |            |                    |                  |        |                   |                  |
|                                       |             |                |                   |                |                           |                    |            |                    |                  |        |                   |                  |

\* Single Crystal