



Optional Probes

HST & Super High Density series

- The specifications are subject to change without notice.
- The probes are multifrequency in design. Selectable frequencies depend on the ultrasound system and the display mode.
- The standard components and optional items depend on the country.
- Connectable probe depends on the ultrasound system.
- Please contact your local ALOKA distributor for the latest information.

- The specifications, shape and color of this product are subject to change without notice.
- The standard components and optional items vary depending on the country.



We strive to provide quality products and services for our customers.
We operate with regard for the environment.

ALOKA CO.,LTD.

6-22-1, Mure, Mitaka-shi, Tokyo, 181-8622 Japan
Telephone : +81 422 45 6049 Facsimile : +81 422 45 4058
www.aloka.com

ALOKA
illuminate the change

HST (Hemispheric Sound Technology) and HST+ probes

Convex Sector Probes



★
UST-9130
Abdomen,OB/GYN
Harmonic Echo
Imaging
2-6 MHz
60 deg./60 mmR



★
UST-9135P
Abdominal biopsy
Harmonic Echo Imaging
1-6 MHz
60 deg./60 mmR
Includes puncture
adapter as standard



★
UST-9126
Abdomen,OB/GYN
Harmonic Echo Imaging
2-6 MHz
60 deg./60 mmR



★
UST-9115-5
Abdomen,OB/GYN
3-8 MHz
60 deg./60 mmR



★
UST-9118
Endo-cavitary
3-9 MHz
180 deg./9 mmR



★
UST-675P
Endo-cavitary
3-9 MHz
180 deg./9 mmR
Includes puncture
adapter MP-2452
as standard.



★
UST-9120
Intraoperative
Small part
4-10 MHz
70 deg./20 mmR



*Some ultrasound systems are not compatible with MP-2783.



★
UST-9133
Intraoperative, Biopsy
Harmonic Echo
Imaging
2-6 MHz
82 deg./20 mmR



★
UST-9132I
Intraoperative
4-10 MHz
65 deg./20 mmR



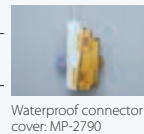
★
UST-9132T
Intraoperative
4-10 MHz
65 deg./20 mmR



★
UST-9146I
Intraoperative,
Harmonic Echo
2-6 MHz
82 deg./20 mmR



★
UST-9146T
Intraoperative,
Harmonic Echo
2-6 MHz
82 deg./20 mmR



Linear Probes



★
UST-5411
Compound Array Probe
Peripheral vessels,
small part
Harmonic Echo Imaging
4-13 MHz
38 mm



★
UST-567
Small part
Harmonic Echo Imaging
3-13 MHz
50 mm



★
UST-5412
Peripheral vessels,
small part
Harmonic Echo Imaging
4-13 MHz
38 mm



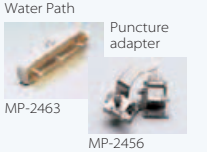
★
UST-5410/UST-5410H
Peripheral vessels,
small part
Harmonic Echo Imaging
4-13 MHz
37 mm



★
UST-5543
Superficial tissue
4-13 MHz
35 mm



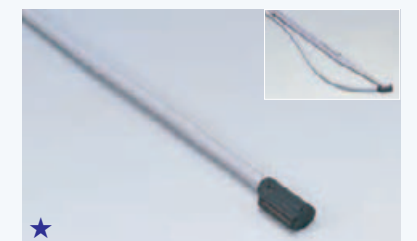
★
UST-5712
Small part
3-10 MHz
60 mm



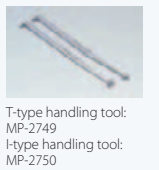
★
UST-5713T
Intra-operative
3-10 MHz
60 mm



★
UST-547
Intra-operative
4-13 MHz
25 mm



★
UST-533
Microsurgery
4-13 MHz
10 mm



★
UST-5550
Laparoscopic surgery
Flexeible type
4-10 MHz
38 mm
Insertion tube: 10mm dia.

Bi-plane Probe



★
UST-678
Bi-plane transrectal
● Convex sector: 3-9 MHz, 120 deg./9 mm
● Linear: 4-10 MHz, 60 mm
Puncture adapter:
MP-2451

Explanatory notes:
UST-9114-3.5 — Model number
Abdomen,OB/GYN — Suggested application
2-6 MHz — Probe frequency range
60 deg./60 mmR — Scanning angle (degrees)/ radius of curvature (mmR), or scanning width (mm)

★: Sterrad compatible



NOTE: Scanning angle, width and selectable frequencies vary depending on the system, operation mode and other conditions.

Phased Array Sector Probes



UST-52105
Cardiology
Harmonic Echo Imaging
 1-5 MHz
 90 deg.



UST-52101
Cardiology
Harmonic Echo Imaging
 1-5 MHz
 90 deg.



★
UST-52108
Pediatric Cardiology
Harmonic Echo Imaging
 3-8 MHz
 90 deg.



★
UST-5294-5
Pediatric Cardiology
 3-10 MHz
 90 deg.



★
UST-5296
Neonatal Cardiology
 2-10 MHz
 90 deg.



UST-52116
Motorized TEP
Harmonic Echo Imaging
 2-8 MHz
 90 deg.



UST-5293-5
Rotary-plane TEP
 2-8 MHz
 90 deg.



UST-52119S
Pediatric Rotary-plane TEP
 3-8 MHz
 90 deg.



UST-5212S
Pediatric Rotary-plane TEP
 3-8 MHz
 90 deg.



UST-52111S
Bi-plane TEP for pediatrics
 3-8 MHz
 90 deg.



UST-52110S
Neonatal TEP
 3-8 MHz
 90 deg.



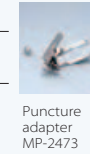
UST-52120S
Neonatal TEP
 3-8 MHz
 90 deg.

NOTE: Scanning angle, width and selectable frequencies vary depending on the system, operation mode and other conditions.

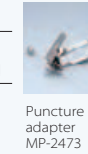
Convex Sector Probes



★
UST-9123
Abdomen,OB/GYN
Harmonic Echo Imaging
 2-6 MHz
 60 deg./60 mmR



★
UST-9127
Abdomen,OB/GYN
Harmonic Echo Imaging
 1-6 MHz
 60 deg./60 mmR



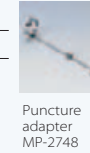
★
UST-9128
Abdomen (Intercostal scanning)
Harmonic Echo Imaging
 1-6 MHz
 120 deg./14mmR



★
UST-9121
Abdomen (Intercostal scanning)
 2-6 MHz
 120 deg./14 mmR



★
UST-9124
Endo-cavitary
 3-9 MHz
 180 deg./9 mmR



★
UST-676P
Endo-cavitary
 3-9 MHz
 180 deg./9 mmR

Includes puncture adapter as standard.



★
UST-677P
Bi-plane transrectal Biopsy
 3-9 MHz
 180 deg./9 mmR

Includes puncture adapter as standard.

Linear Probes



★
UST-5413
Small part & PV
Harmonic Echo Imaging*
 4-11 MHz
 38 mm
 * System dependent.



★
UST-5548
Peripheral vessels
Harmonic Echo Imaging*
 3-8 MHz
 38 or 42 mm



★
UST-534
Intraoperative
 3-13 MHz
 5 mm



★
UST-536
Intraoperative
 4-13 MHz
 19 mm

NOTE: This probe is not available in EU member countries.

Phased Array Sector Probes



★
UST-5298
Pediatric cardiology
 2-8 MHz
 90 deg.



★
UST-5299
Cardiology
Harmonic Echo Imaging
 1-5 MHz
 90 deg.

SHD (Super High Density) probes

Convex Sector Probes



UST-979-3.5
Abdomen,OB/GYN
2-6 MHz
60 deg/60 mmR



★
UST-990-5
Abdomen,OB/GYN
3-8 MHz
60 deg/60 mmR



★
UST-978-3.5
Abdomen(Intercostal
scanning), Pediatrics
2-6 MHz
90 deg/14 mmR



★
UST-9104-5
Intraoperative
Small part
3-8 MHz
65 deg/20 mmR



★
UST-995-7.5
Intraoperative (Finger-grip)
4-10 MHz
65 deg/20 mmR



★
UST-MC11-8731
Intra-operative (Finger-grip)
4-10 MHz
65 deg/20 mmR



UST-9102-3.5
Abdomen
2-6 MHz
90 deg/20 mmR
Cable length:2.0m



UST-9102U-3.5
Abdomen
2-6 MHz
90 deg/20 mmR
Cable length:3.5m



★
UST-9101-7.5
Abdomen
(High resolution)
4-10 MHz
60 deg/40 mmR



UST-9113P-3.5
Abdominal biopsy
2-6 MHz
60 deg/60 mmR

Puncture
adapter
is fixed as
standard.
Applicable
needle
Size:G18



★
UST-9116P-5
Neurosurgery (Burr hole)
4-8 MHz
50 deg/7 mmR

Includes
puncture
adapter
as standard.



★
UST-670P-5
Endo-cavitary
3-8 MHz
120 deg/9 mmR

Includes
puncture
adapter
as standard.



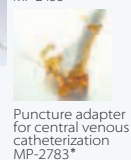
★
UST-9112-5
Endo-cavitary
3-8 MHz
120 deg/14 mmR



★
UST-984-5
Endo-cavitary
3-8 MHz
120 deg/14 mmR



★
UST-987-7.5
Intraoperative
Small part
4-10 MHz
65 deg/20 mmR



*Some ultrasound systems are
not compatible with MP-2783.

NOTE: Scanning angle, width and selectable frequencies vary depending on the system, operation mode and other conditions.

Linear Probes



UST-5046-3.5
Abdomen,OB/GYN
 2-6 MHz
 96 mm



★
UST-5045P-3.5 Includes puncture adapter MP-2416 as standard.
Puncture&biopsy
 2-6 MHz
 80 mm



★
UST-579T-7.5
Intraoperative
 4-10 MHz
 60 mm



★
UST-5534T-7.5
Intraoperative (steered linear)
 4-10 MHz
 42 mm



★
UST-5536-7.5
Laparoscopic (Flexible type)
 4-10 MHz
 33,34,or 38 mm
 (Scanning width depends on the ultrasound system.)



UST-5542
Small part
 5-13 MHz
 29 mm



★
UST-5524-7.5 Echo Coupler
Steered linear for small vessels ECM-13
 4-10 MHz
 42 mm ECM-12



★
UST-5710-7.5 Water Path
Small part Puncture adapter
 4-10 MHz
 60 mm MP-2463 MP-2456



★
UST-5540P-7.5 Includes puncture adapter as standard.*
Biopsy (Shallow part)
 5-10 MHz
 28 mm
 *Requires optional disposable needle guide.

Bi-plane Probe



★
UST-672-5/7.5
Bi-plane transrectal
 ● Convex sector: 3-8 MHz 120 deg/9 mmR
 ● Linear: 4-10 MHz 60 mm
 Puncture adapter: MP-2451



NOTE: Scanning angle, width and selectable frequencies vary depending on the system, operation mode and other conditions.

Phased Array Sector Probes

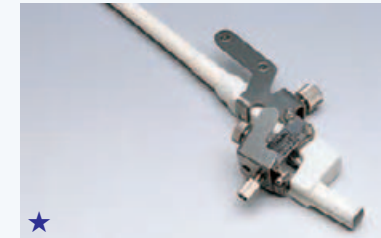


★
UST-5281-5
Neonatal cardiology
 3-8 MHz
 90 deg.

Intra-operative Probes



★
UST-52114P Includes puncture adapter as standard.
Neurosurgery (Burr hole)
 3-8 MHz
 90 deg.



★
UST-5268P-5 Includes puncture adapter as standard.
Neurosurgery (Burr hole)
 3-8 MHz
 90 deg.



★
UST-52109 Insertion length :375 mm,
End-fire laparoscopic probe Needle guide groove :for G18
 3-8 MHz Diameter :12mm
 90 deg.

Mechanical Probes

Annular Array Sector



ASU-36WL-10
Small part, Peripheral vessels

10 MHz/40 deg.



Puncture adapter
MP-2493

Mechanical Radial



ASU-67
Transrectal for sphincter and prostate exam

7.5 & 10 MHz/360 deg.



ASU-65B
Transurethral urinal bladder

7.5 MHz/360 deg.

*Outer sheath and adapters are optional.



ASU-66
Transvaginal OB/GYN, IVF

5 & 7.5 MHz/120 deg.



Puncture adapter
MP-2481

Independent Probes



★
UST-2265-2
Cardiac CW Doppler

2 MHz



★
UST-2266-5
Peripheral vessels CW Doppler

5 MHz

3D Probes



ASU-1010
Obstetrics
Harmonic Echo Imaging

2-10 MHz
Scanning angle
Electronic:60 deg.
Mechanical:60deg.



ASU-1009
Obstetrics
Harmonic Echo Imaging

2-10 MHz
Scanning angle
Electronic:60 deg.
Mechanical:60deg.



ASU-1001
Obstetrics

2-6 MHz
Scanning angle
Electronic:90 deg.
Mechanical:60deg.



ASU-1012
OB/GYN

3-8MHz
Scanning angle
Electronic:140 deg.
Mechanical:90deg.



ASU-1002
OB/GYN

3-9 MHz
Scanning angle
Electronic:180 deg.
Mechanical:60deg.



ASU-1003
OB/GYN

3-9 MHz
Scanning angle
Electronic:163 or 120 deg.*
*System dependent
Mechanical:90deg.



ASU-1011
Cardiology

1-5 MHz
Scanning angle
Electronic:90 deg.
Mechanical:60 deg.

NOTE: Scanning angle, width and selectable frequencies vary depending on the system, operation mode and other conditions.