5. Transducers

5.1 Transducer application guide

Transducer	C5–2	L12–4	S4–1
Type of array	Curved	Linear	Sector
Application			
Abdominal 0–4 cm	•		•
5–10 cm	•		•
> 11 cm	•		•
Gallbladder	•		•
Lung	•	•	•
Gynecology Transabdominal < 10 cm	•		•
Transabdominal > 11 cm	•		•
Obstetrics 1st trimester 10–12 cm	•		•
2nd trimester 12–18 cm	•		•
3rd trimester 15–20 cm	•		•
Cardiac			•
Vascular 0–3 cm	•		
3–8 cm	•		
Musculoskeletal		•	
Superficial		•	
Vascular		•	
Soft tissue		•	
FAST			•

Curved array

C5–2 broadband curved array
- Weight: 136 g/4.8 oz (without cable)
- Dimensions: 11.4 cm x 4.5 cm/4.5 in x 1.8 in (L x W)
- Automatically optimized focal zone based on preset focal zone
- Continuous dynamic receive focusing
- 128 elements
- 5 to 2 MHz extended operating frequency range
- 67.5° field of view
- High-resolution imaging for abdomen, gallbladder, lung and Ob/Gyn applications
- Supports 2D, color Doppler and Tissue Harmonic Imaging
- Lightweight replaceable USB cable

Linear array

L12–4 broadband linear array
- Weight: 108 g/3.8 oz (without cable)
- Dimensions: 11.4 cm x 4.5 cm/4.5 in x 1.8 in (L x W)
- Automatically adjusted focal zone based on preset focal zone
- Continuous dynamic receive focusing
- 128 elements
- 4 to 12 MHz extended operating frequency range
- 34.5 mm field of view
- High resolution imaging for lung, musculoskeletal, soft tissue, superficial and vascular applications
- Supports 2D, color Doppler and Tissue Harmonic Imaging
- Lightweight replaceable USB cable

Sector array

S4–1 broadband sector/phased array
- Weight: 96 g/3.4 oz (without cable)
- Dimensions: 10.2 cm x 5.1 cm/4 in x 2 in (L x W)
- Automatically adjusted focal zone based on preset focal zone
- Continuous dynamic receive focusing
- 64 elements
- 1 to 4 MHz extended operating frequency range
- 90° field of view
- High resolution imaging for lung, echo, abdominal, Ob/Gyn and FAST applications
- Supports 2D, color Doppler and Tissue Harmonic Imaging
- Lightweight replaceable USB cable