



Transducers

ACUSON Freestyle Series Ultrasound Systems

Release 4.1

siemens-healthineers.com/freestyle



Transducers

The ACUSON Freestyle Series of ultrasound systems offers 3 transducers to support a diverse range of clinical applications

The ACUSON Freestyle ultrasound system is the world's first ultrasound system with wireless transducers. Using proprietary ultra-wideband radio technology, the transducers are able to send images at a high sustainable data rate back to the system, all while maintaining excellent image quality and high frame rates.

The freedom of wireless transducers provides improved flexibility and ease of use in a variety of point-of-care environments. The ACUSON Freestyle system includes several innovative workflow features:

- Integrated controls on all transducers allow operation of all imaging parameters on the system from up to 3 meters/10 feet away from the system.
- Transducers are powered by a removable battery which offers up to 90 minutes of continuous scan time between charges.
- Multiple options for configurable probe and system alerts ensure that transducers remain in the care environment.



For proper and complete disinfection, the probe battery should be removed from the probe before cleaning.

Curved



C5-2 Transducer¹

Form factor	Curved
Design	Piezoceramic
Gesture detection	No
Bandwidth	2.0-5.0 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	63.5 deg
Physical footprint	13.0 x 60.0 mm
Total weight with battery	243 g

¹ The C5-2 transducer requires VA41 software.

Linear



L8-3 Transducer

Form factor	Linear
Design	Piezoceramic
Gesture detection	No
Bandwidth	3.0-8.0 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	38.4 mm
Physical footprint	38.4 x 5 mm
Total weight with battery	243 g



L17-5 Transducer²

Form factor	Linear
Design	Piezoceramic
Gesture detection	No
Bandwidth	5.0 - 13.0 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	25.6 mm
Physical footprint	25.6 x 4 mm
Total weight with battery	243 g

² The L17-5 transducer requires VA41B software. Previous software levels support the L13-5 transducer. The L17-5 transducer may not be available in all countries. The L13-5 transducer will be available in these instances.

Needle Guides

	In-plane Needle Guide	Out-of-Plane Needle Guide
C5-2	CIVCO Infiniti Plus disposable needle guide	N/A
L8-3	CIVCO Infiniti Plus disposable needle guide	CIVCO AccuSITE™ needle guide
L17-5	CIVCO Infiniti Plus disposable needle guide	CIVCO AccuSITE needle guide

The products/features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

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At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably. As a leader in medical technology, we want to advance a world in which breakthroughs in healthcare create new possibilities with a minimal impact on our planet. By consistently bringing innovations to the market, we enable healthcare professionals to innovate personalized care, achieve operational excellence, and transform the system of care.

Our portfolio, spanning in vitro and in vivo diagnostics to image-guided therapy and cancer care, is crucial for clinical decision-making and treatment pathways. With the unique combination of our strengths in patient twinning³, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the greatest challenges in healthcare. We will continue to build on these strengths to help overcome the world's most threatening diseases, enable efficient operations, and expand access to care.

We are a team of more than 71,000 Healthineers in over 70 countries passionately pushing the boundaries of what is possible in healthcare to help improve the lives of people around the world.

³ Personalization of diagnosis, therapy selection and monitoring, after care and managing health.

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