



Transducers

ACUSON Freestyle Series Ultrasound System

Release 4.1

siemens-healthineers.com/freestyle



Transducers

The ACUSON Freestyle ultrasound system has 4 transducers supporting 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 the 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 to ensure that it remains in the care environment.

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



Contents

Curved 3

Linear 3

Curved



C5-2 Transducer

Form factor	Curved
Design	Piezoceramic
Gesture detection	No
Bandwidth	1.6–5.0 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	63.5 deg
Physical footprint	72.5 x 20.3 mm
Total weight with battery	243 g

Linear



L8-3 Transducer

Form factor	Linear
Design	Piezoceramic
Gesture detection	No
Bandwidth	3.0–8.4 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	38.4 mm
Physical footprint	46.1 x 12.2 mm
Total weight with battery	243 g



L13-5 Transducer

Form factor	Linear
Design	Piezoceramic
Gesture detection	No
Bandwidth	4.7–16.6 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	25.6 mm
Physical footprint	32.5 x 11.5 mm
Total weight with battery	243 g



L17-5 Transducer

Form factor	Linear
Design	Piezoceramic
Gesture detection	No
Bandwidth	4.7–16.6 MHz
Axial and lateral resolution	2.0 mm and 3.0 mm
Field of View	25.6 mm
Physical footprint	32.5 x 11.5 mm
Total weight with battery	243 g

Table 1: Needle Guide

	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
L13-5	CIVCO Infiniti Plus disposable needle guide	CIVCO AccuSITE needle guide
L17-5	CIVCO Infiniti Plus disposable needle guide	CIVCO AccuSITE needle guide

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An estimated five million patients worldwide everyday benefit from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics and molecular medicine as well as digital health and enterprise services.

We're a leading medical technology company with over 120 years of experience and 18,500 patents globally. With over 50,000 employees in more than 70 countries, we'll continue to innovate and shape the future of healthcare.

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