secma
medical innovation

KOSMOS
by EchoNous

LEXSA

A true hybrid. Cart-based performance inside a hand carried device.

EchoNous has developed a diagnostic platform aimed at shattering the paradigm of the use of ultraportable ultrasound devices in medicine: removing the diagnostic limitations usually associated with hand carried or quick look products.

The **Kosmos** platform has advanced diagnostic and quantification[1] capabilities, not available on any other POCUS tool in its class and uses AI and deep learning algorithms[1] to facilitate training and automate complex calculations.

Introducing Lexsa

Continuing with changing perceptions, Lexsa is a 128 channel linear probe that uses the power of the Kosmos engine to produce outstanding image clarity for nerve, vascular, MSK, and lung applications.

All hardware components in Kosmos are manufactured with ruggedized high-reliability. Kosmos Lexsa weighs 235 grams and will withstand a 1 meter drop.
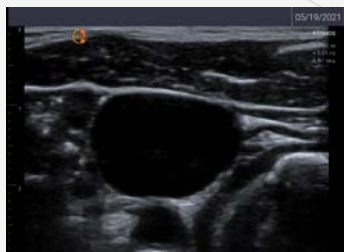
Built for real-life patient situations

Patients inevitably come in all shapes and sizes, presenting with various types of pathologies. Kosmos is demonstrably effective on all body types (from thin to obese) including the most challenging. The proof is in the images.
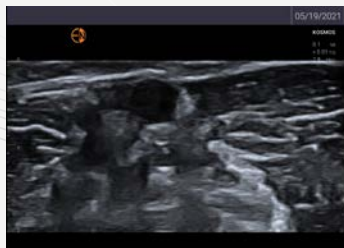
Basilic Vein

Brachial Plexus

Internal Jugular with Carotid

Patellar Tendon

Specification	
Footprint	38 mm x 8 mm
2D frequency	4–11 MHz
Weight	235 grams
Cable length *(connected to the Bridge)*	6 ft
Exam types	Vascular, Nerve, MSK, Lung
Modes	B-mode, M-mode

Connect

Connects to Kosmos Bridge proprietary ultrasecure platform

Durable

Tough materials to protect your product in catastrophic events

5-year warranty

Industry standard 5 year warranty for Lexsa and Bridge

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