Probe Specifications

Convex + Cardiac array

- Convex Frequency: 3.2/5 MHz
- Convex Depth: 90–305 mm
- Cardiac Frequency: 2.5/5 MHz
- Cardiac Depth: 90–160 mm
- Scan Angle: 48°
- Radius: R45

Linear array

- Frequency: 7.5/10 MHz
- Depth: 20–100 mm
- Footprint (approximate vertical dimension shown beside the probe): 25 mm

- Gynecology
- Urology
- Abdomen
- Kidney
- Obstetric
- Lung
- Cardiac

Built-in imaging presets

- Thyroid
- Carotid
- Small parts
- Breast
- Pediatrics
- MSK
- Vascular
- Nerve
- Vessel Flow
- Abdomen

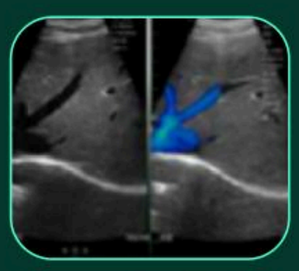
Clinical Applications

Versatile point-of-care ultrasound for care, education, emergency response, and specialized clinical workflows.

Primary Care · Emergency · EMS · Veterinary · Wellness · Interventional · Med School · OBGYN

Anesthesia · Breast · Pain Management · Sports Medicine · Global Health · Clinical Research

Clinical image examples

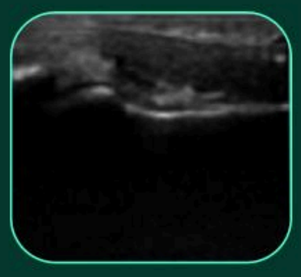


Liver - B + Color

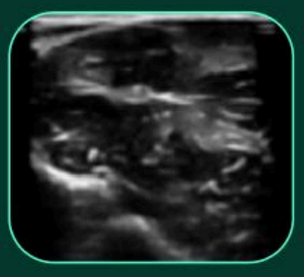
Fetus - B

Kidney - B + Color

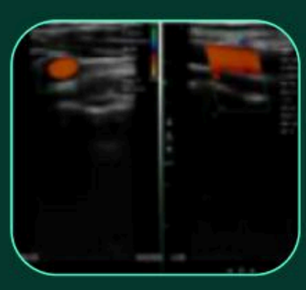
Cardiac - B + Color



MSK - B



Nerve - B



Artery - B + Color

Thyroid - B + Color

Technical Specifications

Advanced imaging, measurement and wireless connectivity.

Scanning and Display Modes

Scanning Technology

Scanning mode	**Electronic array**
Probe elements / Dual	**128**
Image frame rate	**24 fps**

Display Modes

- B-mode
- B/M-mode
- Color Mode
- Pulsed-Wave Doppler (PW)
- Power Doppler Imaging (PDI)
- Combined B + Color + PW

Clinical Measurements

B-Mode Measurements

- Length
- Area / Circumference
- Angle
- Trace
- Distance

B-Mode GA (Gestational age) **and EFW** (Estimated fetal weight)

Gestational age	**CRL, BPD, GS, FL, HC, AC**
Estimated fetal weight	**BPD and FL**

B+M-Mode, B+PW & Automatic Vessel Flow (Measures)

B+M MODE

Heart rate, time, distance, LVID (LVIDd,LVIDs, EF, SV)

B+PW MODE

Velocity, heart rate, SID, Depth.

AUTO VESSEL FLOW

PS, ED, TAMAX, TAMAEAN, PI, RI, S/D, DIAM, FL

Utility

Image process

Cine frames capacity

100 / 200 / 500 / 1,000 frames

- Auto play
- Manual play

Image Export

- JPG, PNG image export
- AVI and MP4 video export
- DICOM format support

Wireless and Connectivity

- Dual USB-C connection
- Wi-Fi connection

Built-in Wi-Fi · 802.11g · 20 MHz · 5G / 450 Mbps

Ready for Mobile & Tablet Use

Battery, Charging & System

Operating system	Android
Interface language	English
Battery	Built-in 2 units - 2,800 mAh lithium
Battery use	Up to 3 hours active use
Standby time	72 hours
Charging	Wireless & USB-C charging
Waterproof	IP68