

Model: E8400 – Dual Linear

Description: Handheld, Portable, Wireless Ultrasound

Scan Types: Linear, Micro-Linear

Elements: 128, Channels: 64

Modes: B-Mode, M-Mode, Color Doppler, Pulse Wave (PW), Power Doppler (PDI)

Transducers:

- **Linear: Footprint: 40 mm – Frequencies: 7.5/10 MHz – Depth: 20-80 mm**
- **Micro: Footprint: 25 mm – Frequencies: 10/12 MHz – Depth: 20-55 mm**

Scanning angle/length: L20 / L40

Image frame rate: 20f/s – Cine loop: >50s

Measurements: length, area/circumference, trace, angle, reproductive, blood flow velocity, heart rate, S/D Ratio (Resistive Index).

Fetal: Gestational Age – CRL, BPD, GS, FL, HC, AC.

Console: The EdgeLife Ultrasound App on iOS devices (* see the list)

Intuitive: Finger swipes & icons, split screen, midline, in-place and out-of-plane needle guide.

Cybersecurity: The probe and console connect via a single point-to-point Wi-Fi. Access can be limited to users with valid credentials and access levels.

Customizable: Unlimited exam types with user-defined and adjustable presets

Workflow: Post-Process at any time until transferred to a PACS – measurements, annotations, image comments, observations and recommendations

Storage: The number of exams and images is limited only by the iOS device

Image Transfers: Share, export, PACS for DICOM images and Cine-Loops

Wifi: Internal 802.11n/5G/450Mbps

Power-On: Boots up in under a second.

Battery: 3+ hours scan time (longer when on standby, powers off when not in use)

Recharge: Off-the-shelf Qi wireless rechargers (2 hours to fully charge from 0 to 100%)

Waterproof: IPX 7

Dimensions: 156 mm x 60 mm x 20mm – Weight: 250g

Warranty: 18 months

Clinical applications - Linear:

Vascular/peripheral vascular, musculoskeletal (conventional and superficial), small organs, thoracic/lung, abdominal, intraoperative (excluding neurological, central nervous system, non-central cardiovascular system), urology, gynecology, pediatric, fetal, peripheral vessel, carotid, interventional, and procedure guidance of needles into the body.

Clinical Applications - Convex/Cardio:

Abdominal, pulmonary, thoracic, intra-operative (abdominal organs vascular), pediatric, small organ, urology, gynecology, obstetrics, musculoskeletal (conventional and superficial), vascular, carotid, cardiac (adult and pediatric).



* Compatible Viewing Devices: iPhone --Model 12 or above, iPad -- Generation 8 or above, iPad Air or Pro -- Generation 4 or above, Mac Computers with M1,M2, or M3 chips