ASUS Handheld Ultrasound LU800

Linear   Phased Array   Microconvex   Endocavity   Convex

34 mm   71 mm   177 mm   305 g
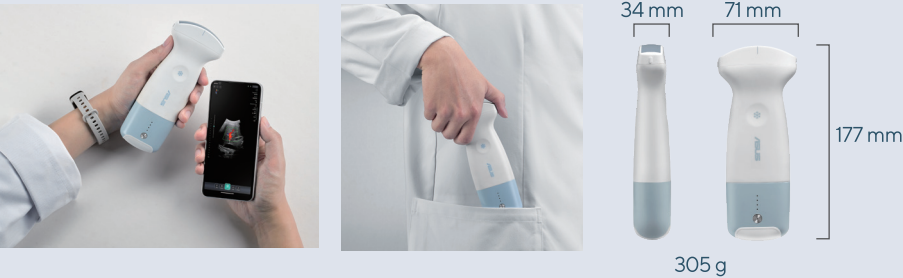
A point-of-care ultrasound system just in your hand

ASUS Handheld Ultrasound Solution LU800 is a software-based system that enables qualified medical professionals to conduct ultrasound scans and receive high-quality images in real-time, enabling rapid diagnosis of variety of conditions.

It simply connects to a compatible smartphone or tablet, and is immediately ready for use. This handheld device is lightweight, compact, and durable and can be deployed in ambulances, operating theaters, or training purposes. ASUS Handheld Ultrasound solution support your clinical decision confidently all the time.
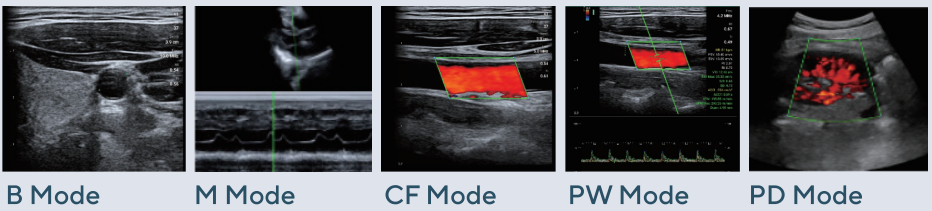
▶ **128-channel High-Fidelity**

ASUS Handheld Ultrasound Solution LU800 features a 128-channel beamformer for clear and sharp ultrasound images.

▶ **Lightweight & Wireless Design**

Pocket-sized dimensions give medical professionals the flexibility to use ASUS Handheld Ultrasound LU800 anywhere, enabling efficient scanning and diagnosis anywhere.

▶ **Superior images and various scanning modes**

B Mode   M Mode   CF Mode   PW Mode   PD Mode

Bring medical care to even the most remote areas.

Portability and user-friendly interface enable high-quality medical imaging to medical facilities and remote locations.
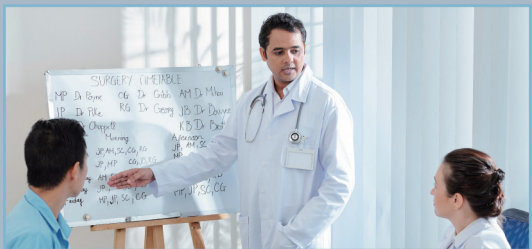
In ambulances

Emergency room

Clinicians on regular rounds

Medical training

ASUS MediConnect

The ASUS MediConnect app gives users access to all imaging parameters and functions. It supports DICOM connectivity to easily connect with PACS, allowing users to easily manage scanned images.

Tunning Functions

Depth	Frequency	Gain	Persistence	Enhancement
TGC	Dynamic Range	Gray Map	Freeze Timer
Color PRF	Color Sensitive	Color Angle

Measurement Tools

| Bladder Measurement | OB Early | OB Mid Late |
| Superficial Mirror | Cardiac | MSK |

Making medical care more intelligent. ASUS Smart Health comprises of a team experienced innovators who use advanced algorithms and medical image processing to create integrated solution for smart medical equipment.
ASUS offers a variety of mobile medical equipment that serve as the basis of the Internet of Medical Things (IOMT) to enhance the onsite diagnostic efficiency of medical professionals.

114.04

Specs

Probes	LU800L	LU800C	LU800M	LU800PA	LU800E
Types of array	Linear	Convex	Microconvex	Phased Array	Endocavity
Frequency	4.2-12.5MHz	2-5MHz	3.6-8.5MHz	1.3-3.7MHz	3.6-8.5MHz
Max Depth	12.6 cm	30 cm	12.6 cm	30 cm	15 cm
Elements	128	128	128	64	128
Field of View	NA	60°	100°	90°	151°
Radius	NA	60 mm	15 mm	NA	10 mm
Dimensions	168×58×34	177×71×34	176×58×34	174×58×34	345×58×34
Weight	270 g	305 g	265 g	280 g	295 g
Image Modes	B / M / CF* / PW* / PD*				
Image File	JPEG / PNG / BMP / DICOM*				
Compatibility	ASUS MediConnect App				
Battery	3000 mAh				
Intended Use & Application					
Abdomen		●	●	●	
Abdomen Difficult		●	●		
Renal / Spleen		●			
Pelvis / Urology					●
Bladder Measurement		●			
GYN		●			
OB Early		●			●
OB Mid Late		●			
Prostate					●
Peripheral Vessels	●				
Thyroid	●				
Breast	●				
Superficial	●				
Musculoskeletal	●				
Carotid	●				
Ocular	●				
Aesthetic					
Nerves	●				
Cardiac				●	
Pediatric Cardiac			●		
Neo Head			●		
FAST		●			

*Optional   **Availability depends on different regions.

ASUS

Ultrasound scans, anytime anywhere

ASUS Handheld Ultrasound LU800

- 128-channel for high quality images
- Lightweight wireless design
- Superior imaging with various image modes
- DICOM support & Cloud Viewer
- IP44 water resistance