

- Handheld ultrasound with Convex and Linear, probes
- Endocavity and Micro Convex probes available
- Interchangeable Wi-Fi/USB connection available
- Long battery life (up to 4 hours)
- Excellent image quality and color sensitivity
- Imaging modes: B-Mode, M-Mode, standards, Color Doppler
- Power Doppler and Pulsed Wave Doppler options available
- Easy-to-use interface and flexible image-management tools
- Easy storage in local HD, PACS/DICOM and clouds capability
- Developed for clinicians
- Intuitive to navigate
- Incorporated 10" tablet





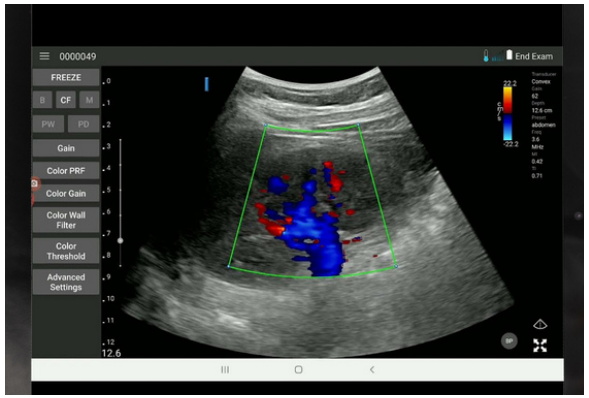
Strena Medical is a company specializing in the development and production of innovative medical devices and services. Our mission is to promote the prevention of human diseases, by making accessible to as many people as possible, low-cost and high impact screening services. Every element, from the device to the application, reflects the principle of the D-Heart brand:

Reliability Meets Simplicity

HANDHELD ULTRASOUND BENEFITS

Portable ultrasounds help provide accurate and speedy diagnoses wherever the patient is located.
D-Heart probes are equipped with color, power Doppler and spectrum analysis and connect to any tablet, smartphone, iOS or Android device. The probes allow for first-level ultrasound / fast scan examinations for a correct classification of patient diseases, improving patient care in many different situations

Ultrasound miniature technology is expected to provide an opportunity for the ultrasound to enter small clinics, ambulances, home care, and emergency medical services to provide customers with great potential value and a reliable diagnostic tool.



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ISO 13485 CE 0598 ISO 9001

Rev. 07/04/2023

D·Heart®



HANDHELD ULTRASOUND SOLUTION

for high-quality, fast and reliable medical imaging

D-HEART ULTRASOUND

The D-Heart Ultrasound Solution is a software-based imaging system intended for use by qualified physicians.
The use of dedicated probes, linear or convex array, for each application improves the performance, ensuring high-level of diagnostic performance.

Hand Held probes expand your capabilities in emergency medicine, pediatrics, and many other POC applications, by offering greater flexibility in the clinical setting.
A US device with small dimensions and without a cable is much easier to manipulate on a patient's body. This means that a better image quality leads to better diagnostic accuracy.
By being able to do a bedside ultrasound of the abdomen or other areas, health operators can use ultrasound technology before a patient has even reached the hospital.



FOR HEALTHCARE PROFESSIONALS

The D-Heart echographs are a series of point-of-care ultrasound solutions, with compact, lightweight and portable designs, long battery life, high durability and wireless connectivity. They're ideal for rapid, on-the-go diagnosis of a variety of conditions, with a selection of different models. D-Heart handheld ultrasound scanners can be used by clinicians on regular rounds, in ambulances on the move, during emergency-room procedures or for everyday training purposes.

The D-Heart Portable Ultrasound Solution comprises:

1. One wireless/USB interchangeable convex array
2. One wireless/USB interchangeable linear array
3. One preset tablet to connect to the probes
4. One tablet case to easily keep the device in one hand
5. One tablet tripod to easily keep the device in vertical position
6. One gel tube
7. One case to easily carry all devices everywhere

Convex probes can be used for: General abdominal imaging, lungs, muscles and bones (traditional), muscles and bones (surface), peripheral arteries, and obstetrics and gynecology.

Linear probes can be used for: General abdominal imaging, lungs, small organs (chest, thyroid), muscles and bones (traditional), muscles and bones (surface), and peripheral arteries

Works with Android / iOS tablets or phones.

Thanks to their small size, WIFI and USB connection, the Multifrequency D-Heart probes offer a much more flexible and compact way to take advantage of ultrasound technology. Furthermore, their convenience and efficiency ultimately result in benefits for both patients and physicians.

IFunctions:

- Parameter tuning
- Frequency
- THI
- Gain
- Image Enhancement
- FPS
- Dynamic Range
- Gray Map
- Freeze Timer
- Mirror
- Line Density
- Persistence
- M PRF
- Color PRF
- Color Gain
- Steering Angle
- Color Wall Filter
- Color Threshold
- PW Angle
- PW Gate
- PW Baseline
- PW Reverse
- PW PRF
- PW Gain
- PW Wall Filter
- Annotation
- Body Mark
- Image Export
- JPG, PNG, BMP, MP4
- DICOM2
- Data Storage
- Local export
- DICOM Worklist and Store
- Measurement Tool
- Distance
- Area
- Angle
- Arrow
- Mark

Image Mode:

- (Dual) B mode
- M mode
- Color Doppler2
- Power Doppler2
- Pulsed Wave2

System Architecture:

- Battery operating time up to 4 hours, charge time 3~4 hours
- Wireless (Wi-Fi) transmission
- Wired (USB3.0) transmission



