Aurison Ultra

Portable AI Ultrasound System

Aurison **Ultra**

Full Digital AI Portable Colour Doppler
Ultrasound System

AI-Powered Imaging,
Uncompromised Portability.

Revolutionize point-of-care imaging with our AI Image Modification
Technology – dynamically enhancing resolution and optimizing clarity in real
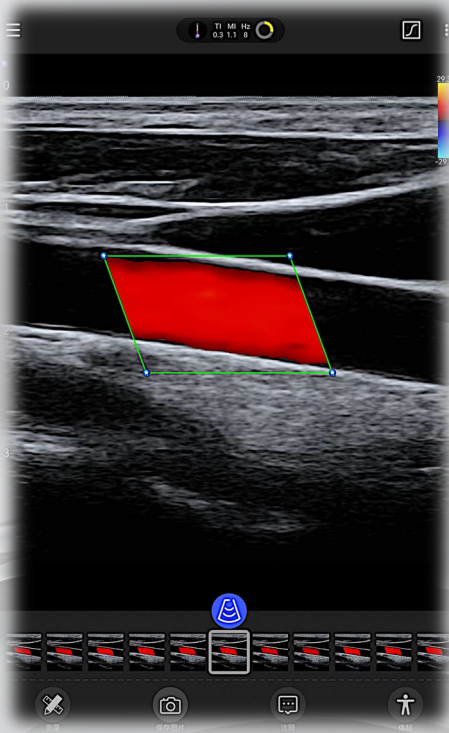time via the Aurison AI engine.

This full digital AI colour Doppler system features a brilliant 11.2–12.4" 3.2K
display in a streamlined 1.2kg frame. Seamlessly swap transducers
(common or volume probes) for versatile applications.

With 2+ hours of cordless operation or 24/7 plug-in use, experience
diagnostic confidence anywhere. Redefine portability without sacrificing
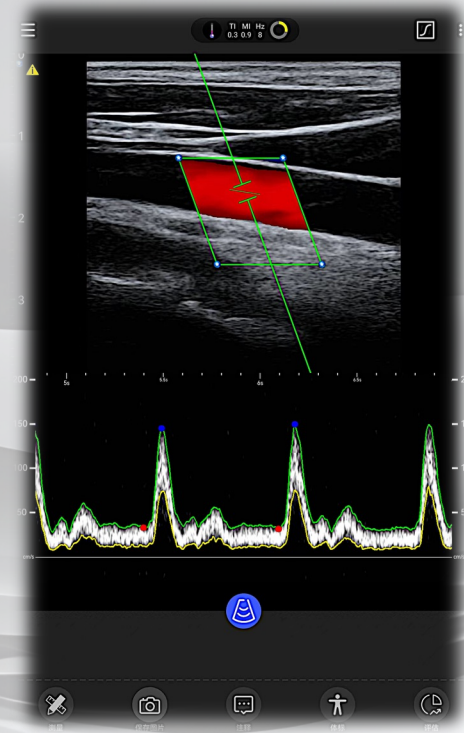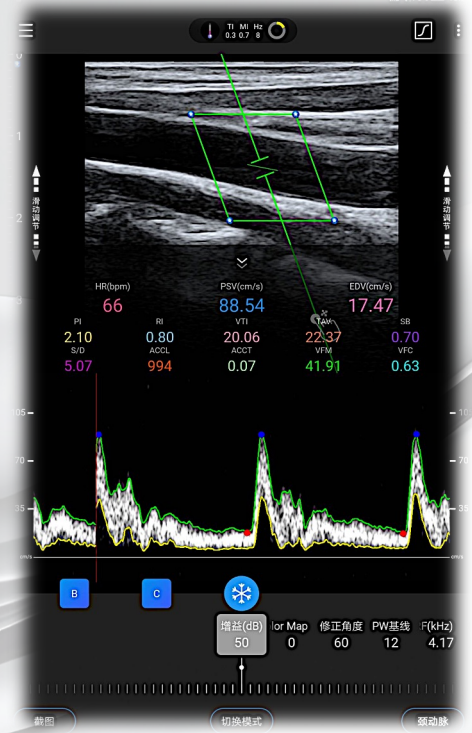performance.

Clinical Gallery

Powered by Deep Learning Reconstruction and AI-Powered Beamforming technology, the Aurison Pro delivers high-quality images with excellent resolution, enabling clinicians to make confident decisions at the bedside.
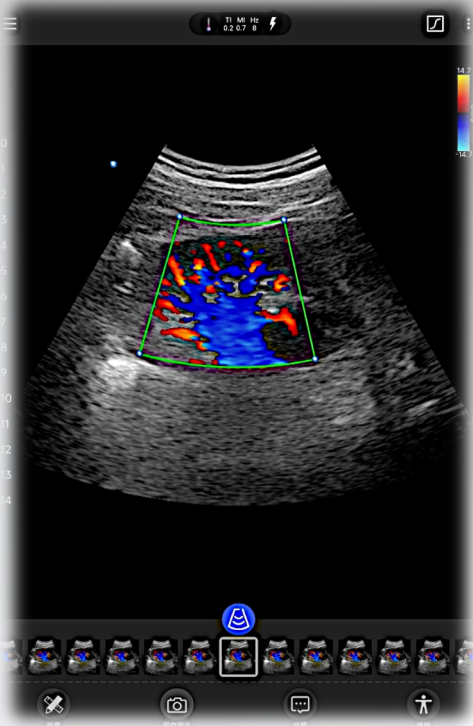

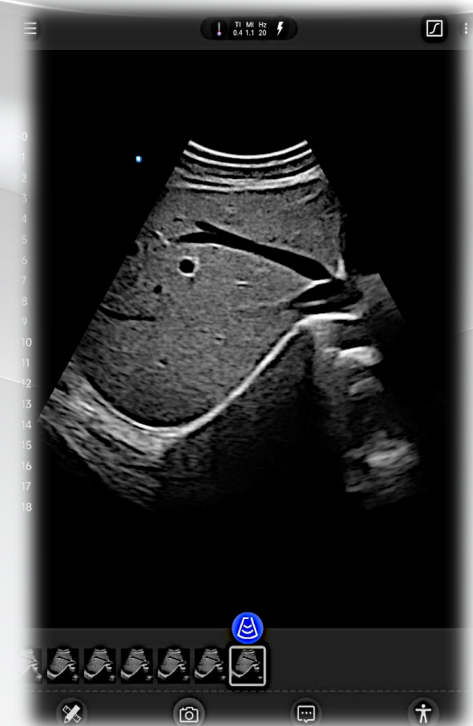Colour Doppler Mode

Power Doppler Mode
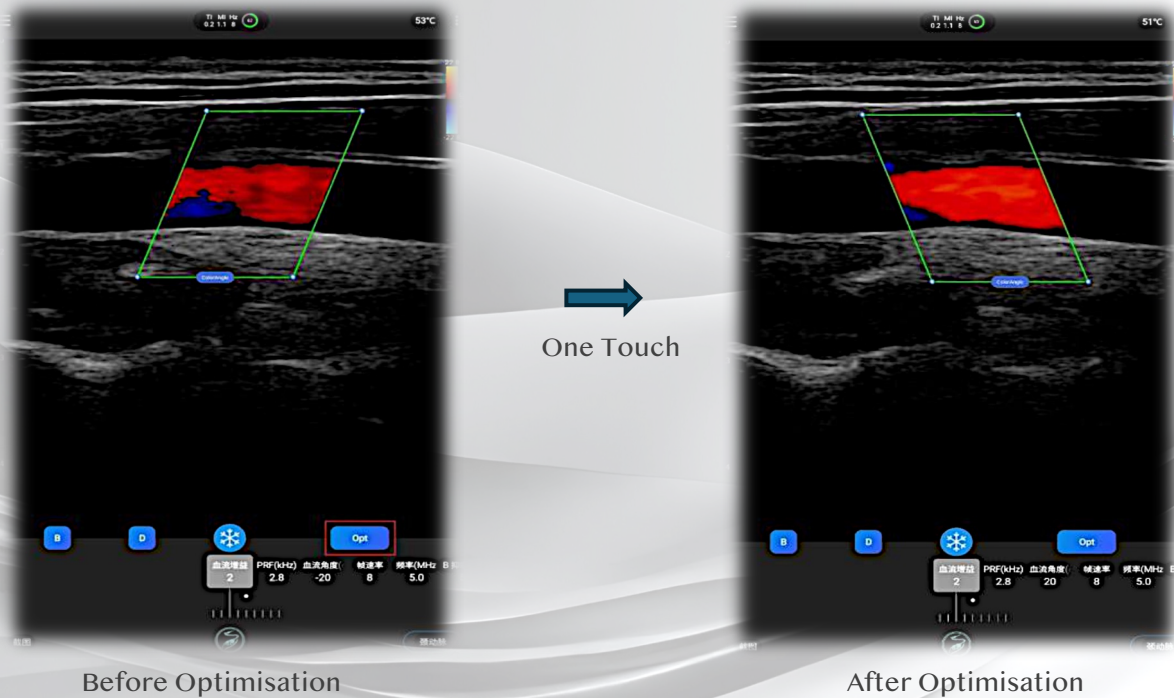

Auto-Calculation

Renal Blood Flow

Thyroid

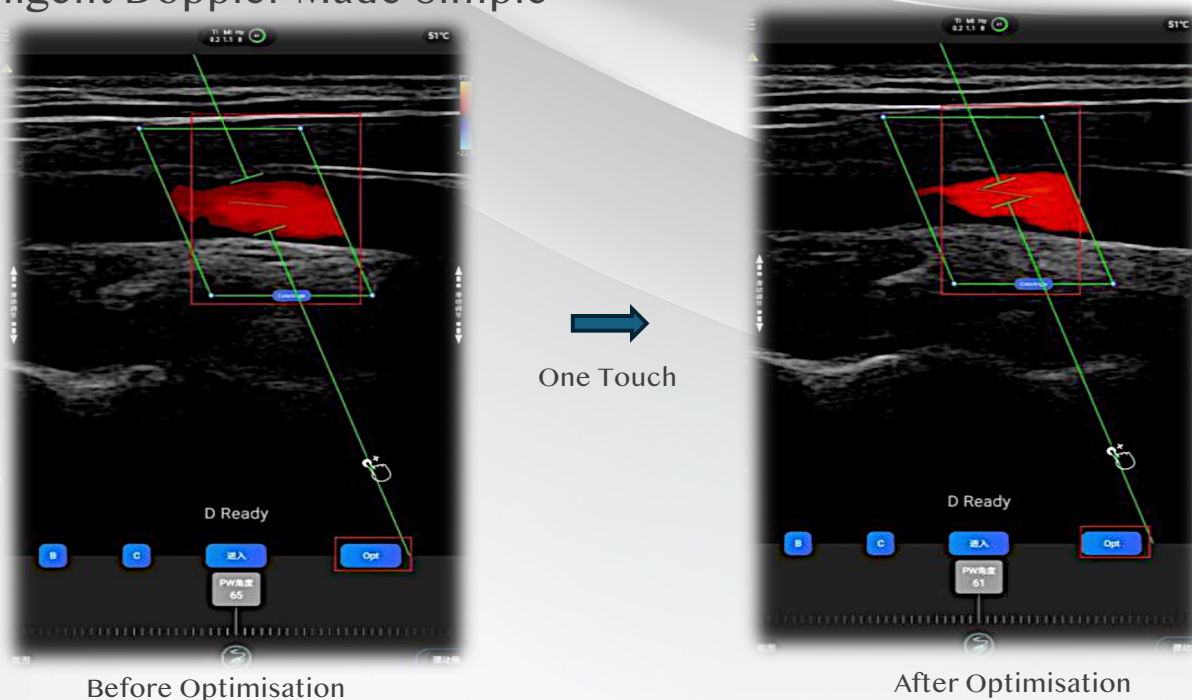

Liver

AI Image Modification Technology

Experience enhanced ultrasound imaging with Aurison Pro. Our AI Image optimisation engine boost image quality, delivering crystal-clear, optimised visuals for confident diagnosis, powered by intelligent AI.

One Touch Blood Flow Analysis

One Touch

Before Optimisation

After Optimisation

Auto-aligns angle and position for optimal flow visualization after B-mode vessel placement. If anatomy shifts, the one-click 'Opt' button instantly recalculates the best settings, eliminating manual adjustments and ensuring optimal flow state.

Intelligent Doppler Made Simple

One Touch
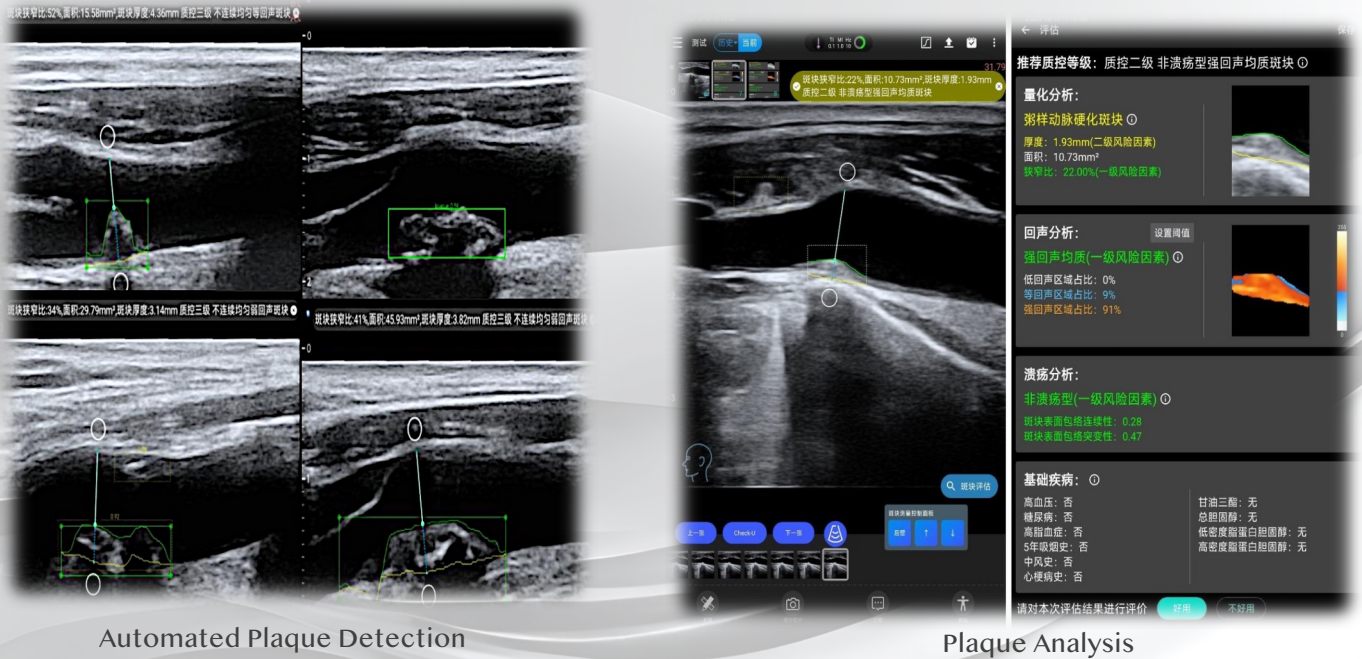
Before Optimisation

After Optimisation

Automatically optimizes angle, gate position, and steer angle upon entry. If anatomy shifts, the one-click 'Opt' button instantly recalculates optimal settings for accurate velocity measurement, eliminating complex manual adjustments.
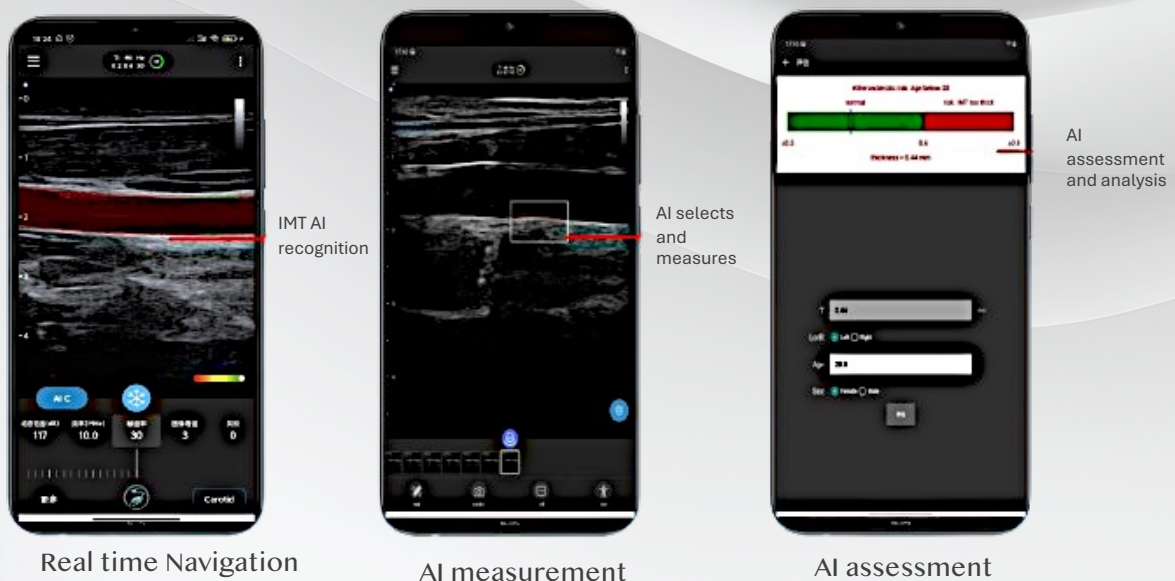
Instant AI Diagnosis

The Aurison AI Auto Diagnostic engine automatically flags potential pathologies with medical evidence support. Gain real-time, AI-driven insights for faster detection and enhanced diagnostic accuracy during examinations.

AI Vascular Plaque Intelligence

Automated Plaque Detection

Plaque Analysis

Identifies elusive plaques automatically. Uniquely integrates imaging, biochemical & clinical data with AI for guideline-based risk grading, providing critical decision support for timely intervention.

Advanced AI Carotid IMT Analysis

IMT AI recognition

Real time Navigation

AI selects and measures

AI measurement

AI assessment and analysis

AI assessment

Real-time identification during scanning ensures no thickened areas are missed. Automatically measures all IMTs in the loop, pinpointing the true maximum thickness. AI then evaluates risk using age, gender & side-specific data for precise, experience-independent assessment.
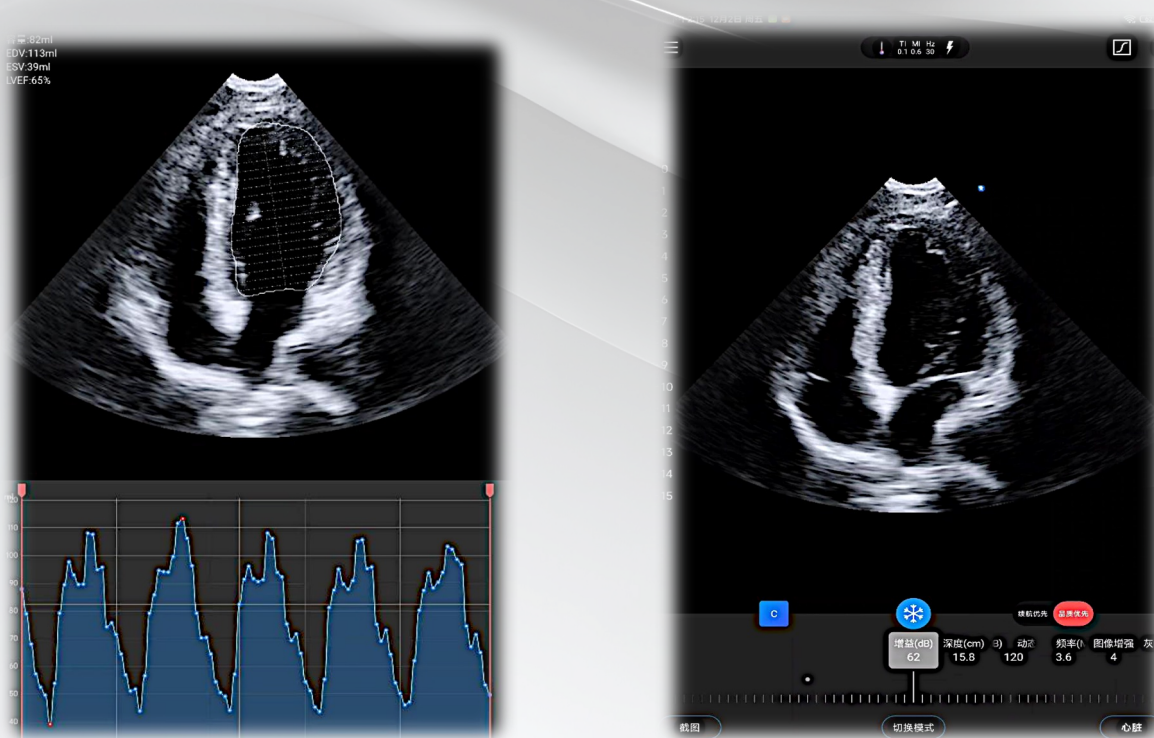
Automate Tissue Analysis with Aurison Pro

Our AI Auto Tissue System instantly detects and measures anatomical structures with medical-grade accuracy. Backed by evidence-based algorithms, it delivers standardized, reliable results—reducing variability and enhancing diagnostic confidence at the point of care

AI Fat and muscle layer automatic recognition

AI-Powered Cardiac Assessment

Automates LVEF measurement by analyzing continuous heartbeats. Delivers rapid, accurate ejection fraction results—empowering frontline clinicians to efficiently screen for cardiac dysfunction and accelerate triage of at-risk patients.

Advanced Composite Wideband Transducers

Engineered with high-density composite materials and advanced electronic scanning technology, Aurison Ultra's transducers deliver exceptional far-field image clarity and penetration depth. This proprietary design simultaneously minimizes acoustic noise and signal interference, ensuring superior diagnostic precision across all clinical applications.

Transducers
C-C2-5 Convex Probe
C-L4-12 Linear Probe
C-P2-5 Phased array Probe
C-C4-12 Micro-convex Probe
C-L6-14 High frequency linear Probe
C-E4-9 Transvaginal Probe

Battery
2+ hours (working time), 24 hours (DC mode)

Weight
1.2 kg

Convex Transducer

Linear Transducer

Transvaginal Transducer

Micro-convex Transducer

Phased Transducer

Puncture

Effortless Mobility

Aurison Ultra's optional trolley securely holds 2-4 probes with quick-access bays. Four smooth-gliding wheels enable seamless room-to-room transitions, turning portable power into organized clinical efficiency.

Peace of Performance Assurance

Continuous Innovation

Software-based technology platform enables effortless upgrades, pushing performance boundaries long after purchase. With Aurison, your system evolves alongside advancements, guaranteeing lifelong imaging excellence and peace of mind.

Standard Warranty Coverage

The Aurison Standard Warranty* provides the following for one (1) year from the date of purchase:
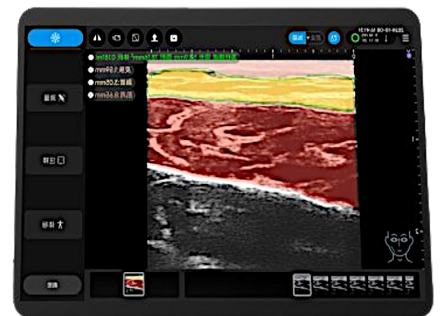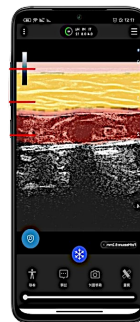• Hardware Components: Coverage for the main system and associated parts against manufacturing defects.
• Technical Support: Access to assistance through local authorised distributors.
• Transducer Reliability: Protection for standard transducers under conditions of normal wear or operational failure.
• Software performance updates with the Aurison platform.

Terms & Conditions:
1. Valid exclusively for systems purchased through Official Aurison Authorised Distributors.
2. Warranties for purchases from non-authorised agents are not standardised and may differ.
3. Extended coverage options are available through upgradable warranty packages.

Unplugged Precision: Aurison's Mobile Power

Operate Aurison Ultra Screen wirelessly via the Aurison Mobile App on any Android smartphone/tablet. Its compact, lightweight wired transducer delivers clinical-grade portability without sacrificing image quality, matching conventional systems while liberating clinicians to perform high-fidelity scans anywhere care is needed.