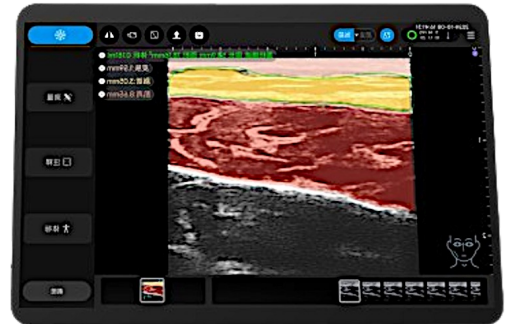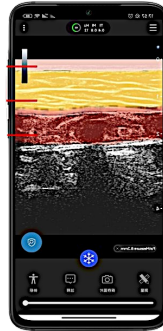# Aurison Pro

Wireless AI Handheld Ultrasound

Unplugged Precision: Aurison's Mobile Power

Use Aurison Pro independently with the Aurison Mobile App on any Android smartphone/tablet. Our wireless transducer liberates clinicians from cords and cramped spaces while maintaining high-performance scanning capabilities wherever care is needed.

Confident Performance with Every Scan

- Scanning modes: B-mode, M-mode, Color Doppler, Power Doppler, PW, and Tissue Doppler Imaging

- Dedicated presets for Cardiac, Abdomen, Lung, Transcranial Imaging (TCI), Emergency Medicine (EM), Trauma (FAST), EM Abdominal Aortic Aneurysm (AAA), Bladder, OB/GYN, and Vascular
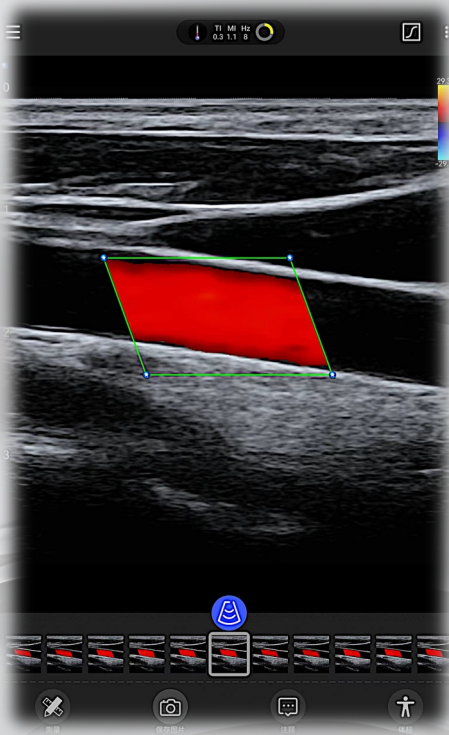
Unleashing Clinical Freedom

Point-of-Care Ultrasound (POCUS) is indispensable for rapid patient assessment in high-stakes settings like ERs, ICUs, remote clinics, and emergency evacuations. As demand grows for high-quality portable imaging, Aurison delivers the solution: wireless transducers compatible with both AI ultrasound systems *and* mobile devices.

Engineered exclusively for wireless versatility, Aurison transducers empower clinicians to perform confident, efficient diagnostics—untethered from carts, whether at the bedside or beyond hospital walls.
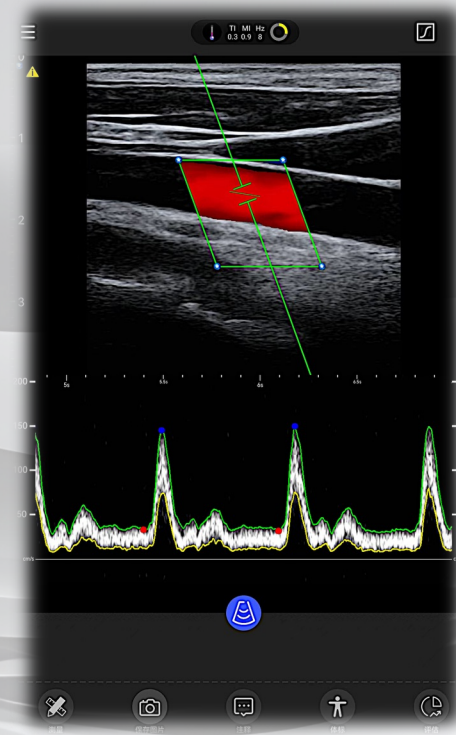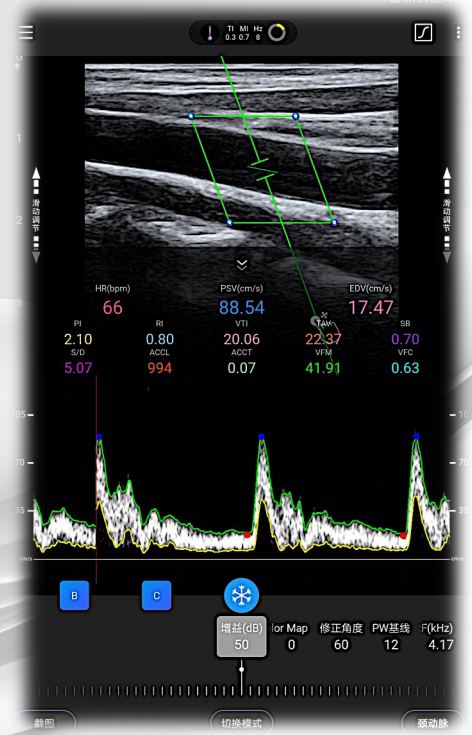
Clinical Gallery

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.
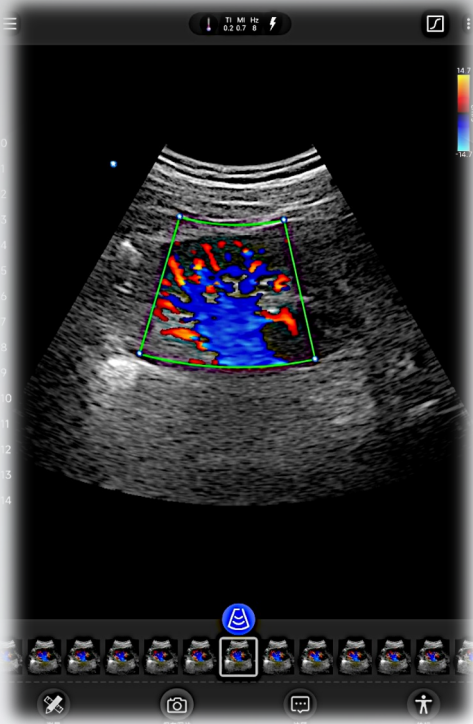

Colour Doppler Mode

Power Doppler Mode
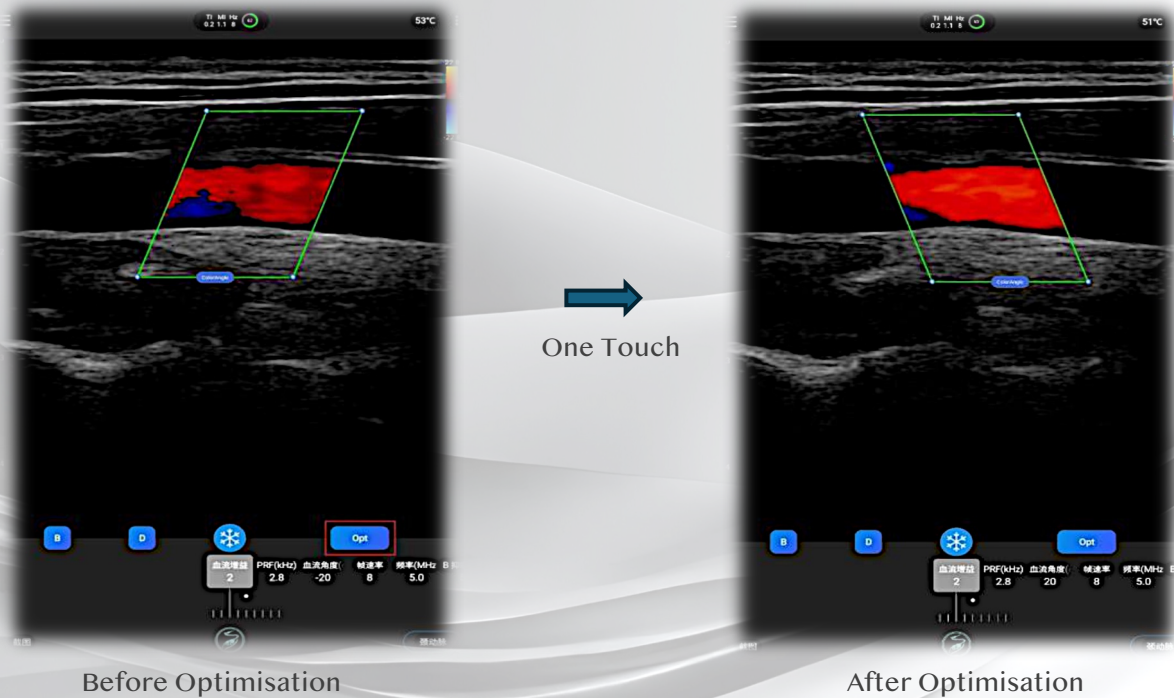

Auto-Calculation

Renal Blood Flow

Thyroid

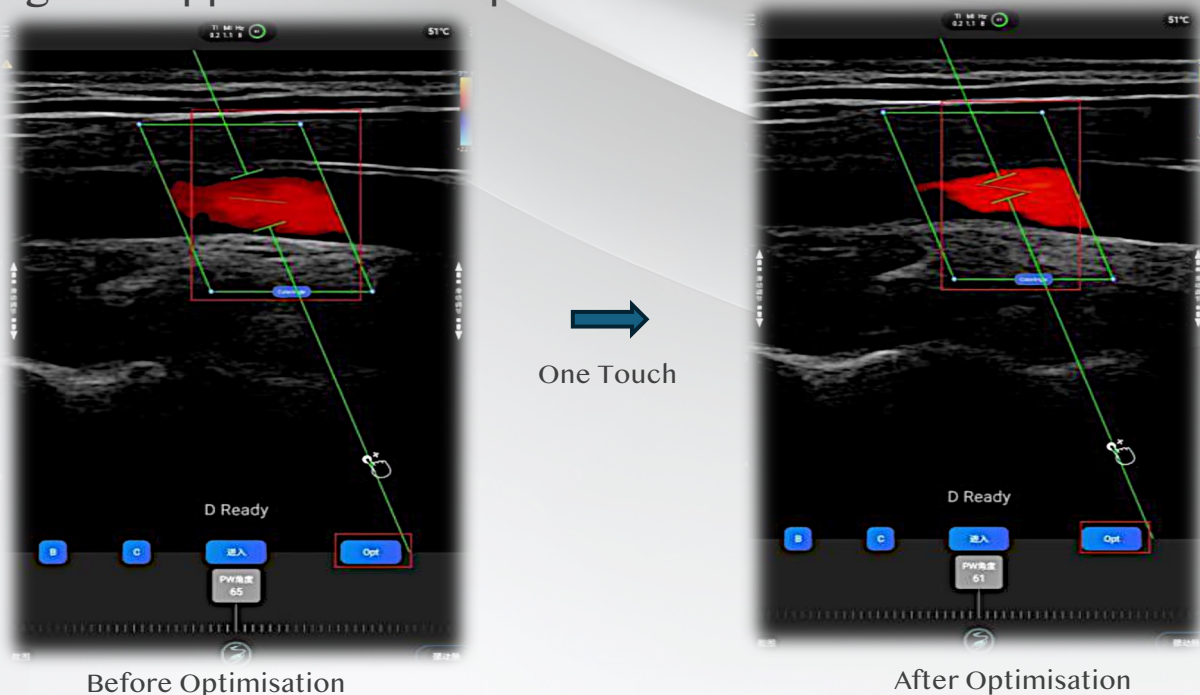

Liver

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
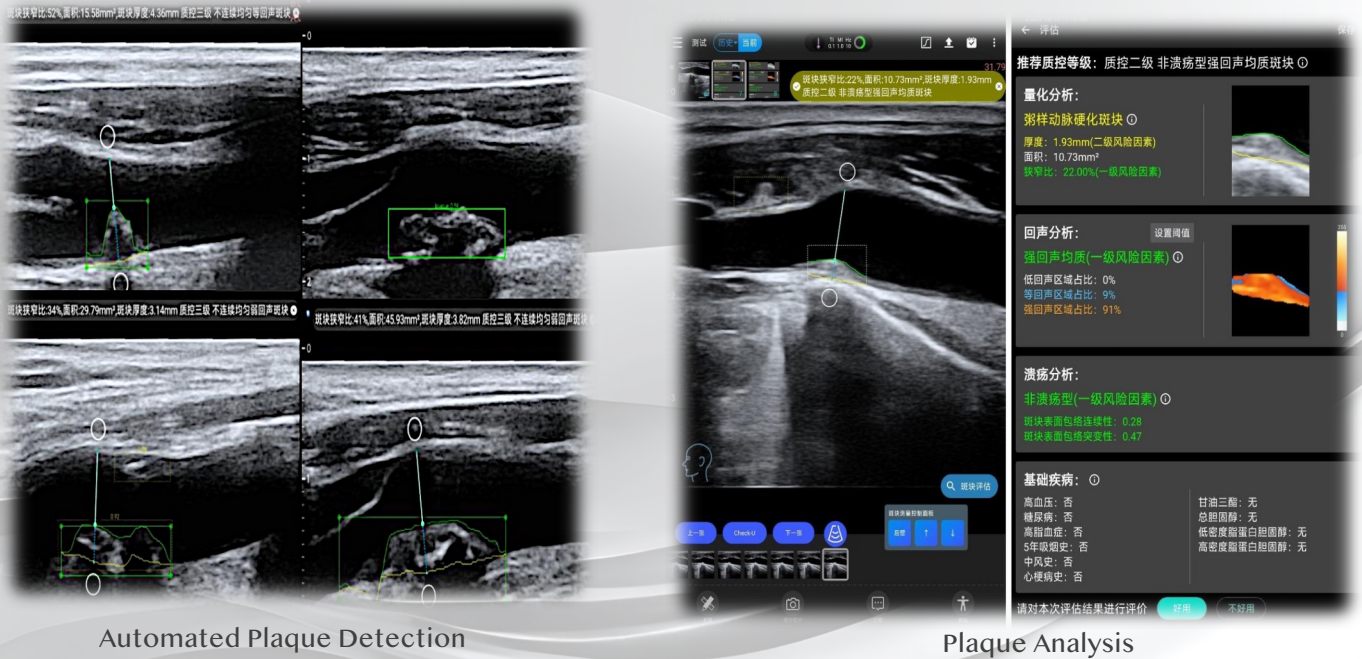
Before Optimisation

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.
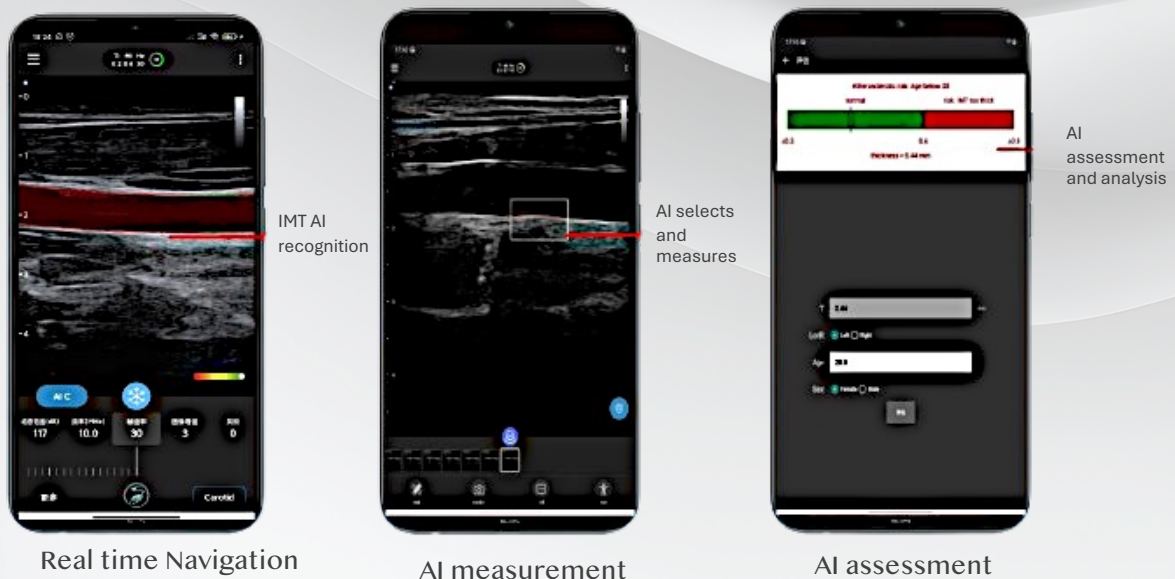
Instant AI Diagnosis

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

AI selects and measures

AI assessment and analysis

Real time Navigation

AI measurement

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.
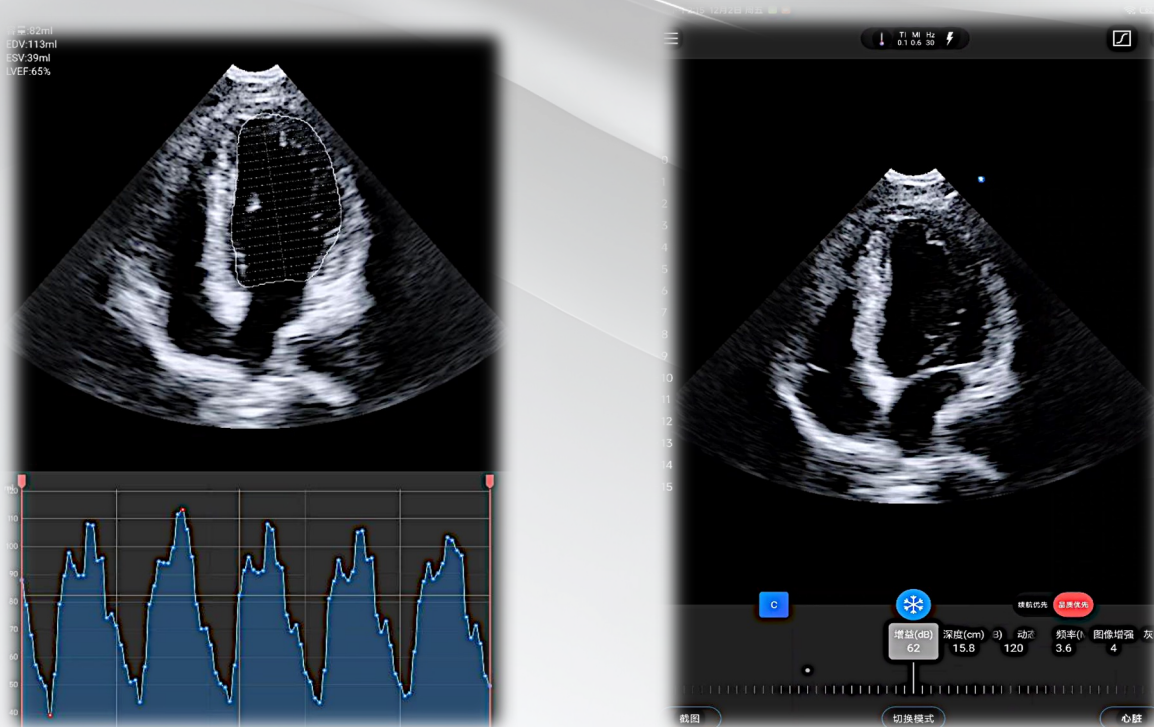
Automate Tissue Analysis with Aurison Pro

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.

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.

Transducers
P10 Convex Probe
P20 Linear Probe
P30 Phased array Probe
P40 Micro-convex Probe
P50 High frequency linear probe

Battery
1.5+ hours (working time)

Weight
200-240g

AURISON Pro P10   AURISON Pro P20   AURISON Pro P30

AURISON