

RWD
ESVI VETOLABO

High Frequency Small Animal Ultrasound Imaging System

Revolutionizing Ultrasound Imaging



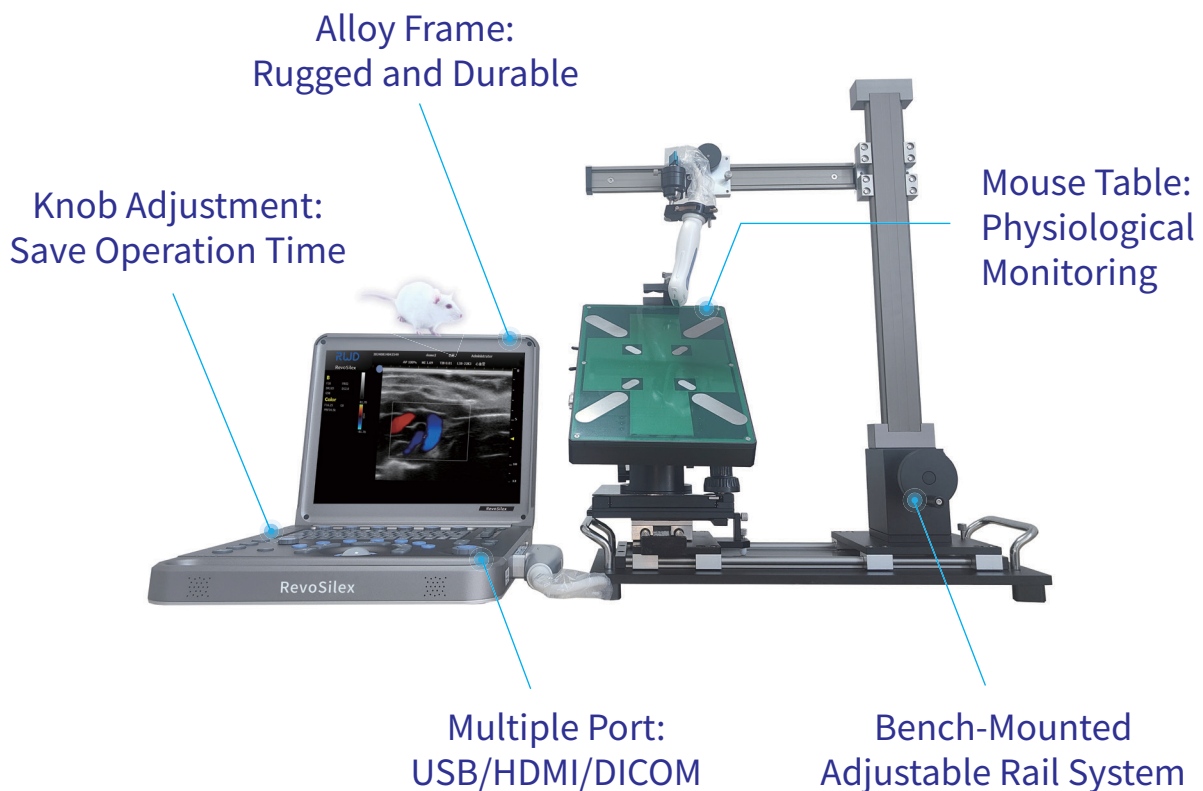
RevoSilex F30/RevoSilex F60

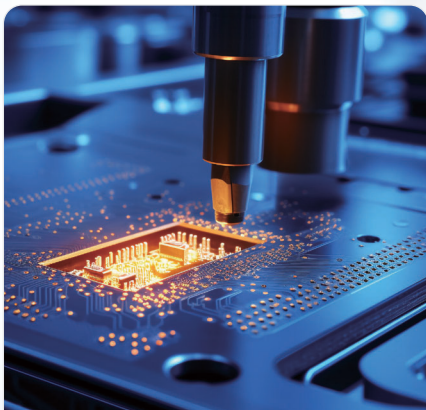
Product Characteristics

Powered by groundbreaking semiconductor transducer technology and industry-leading ultra-high frequency AFE chip, our cutting-edge ultrasound system delivers unparalleled imaging performance.

Featuring a wide 70-8 MHz frequency range and sensitive color Doppler capabilities, this versatile solution enables researchers to capture high-quality images across a diverse range of animal models, from cardiovascular and oncology to developmental biology and drug discovery applications.

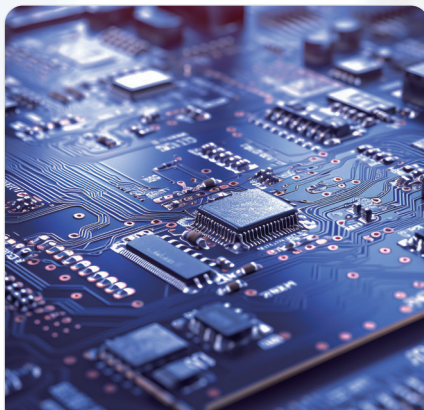
Experience the future of ultrasound imaging and unlock new research possibilities with this user-friendly Offline Workstation and Operating Platform. Elevate your work to new heights and stay at the forefront of scientific innovation.





Semiconductor Transducer

Leading MEMS Technology
256 Elements
Wide-Array Frequency
up to 70MHz





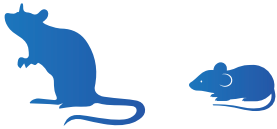
UHF Data Platform

Ultra-High Frequency AFE
Chip 16 Bits Sampling
Resolution 30µm Image
Resolution

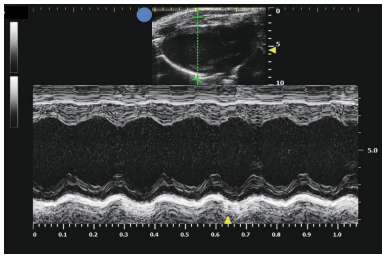


Offline Analysis Workstation

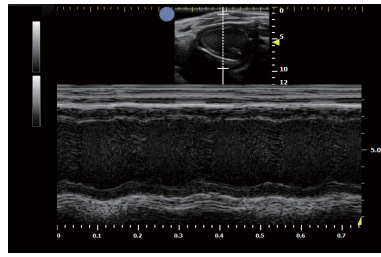
Scanning and Analysis
Separately
Mass Data Import and Export
Save Experiments Time

Transducer	Animals	Applications
L62-38K3 Center Frequency 50 MHz		Cardiovascular, Vascular, Tumors, Superficial Tissue, Ophthalmology
L38-22K3 Center Frequency 30MHz		Vascular, Embryology, Superficial Tissue, Abdominal, Reproductive, Tumors, Rabbit Eyeball, Tumors, Cardiovascular
L22-8K3 Center Frequency 15MHz		Vascular, Abdominal, Cardiovascular

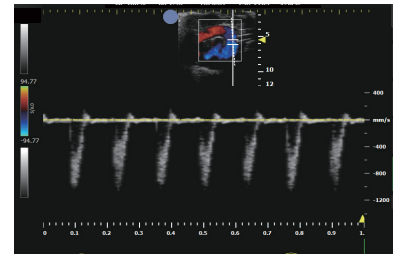
Applications



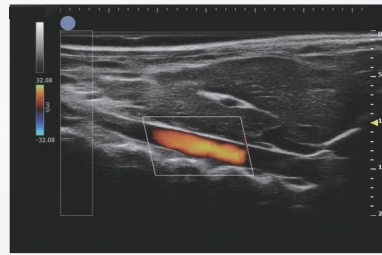
Mouse-Heart



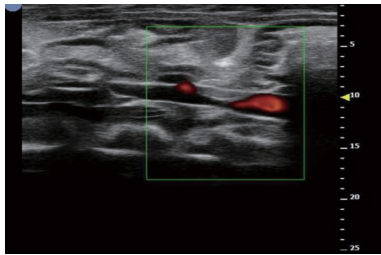
Heart failure in mouse



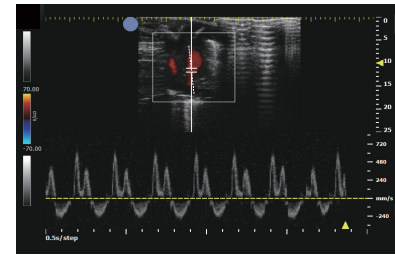
Aortic arch in mouse



Vascular abdominal aorta in rat



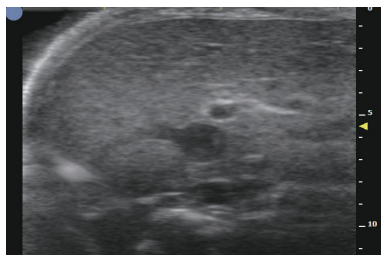
Atherosclerotic plaque model



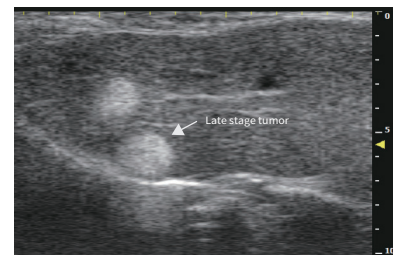
Four chamber in rat



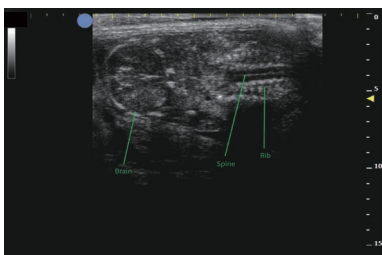
Mouse kidney



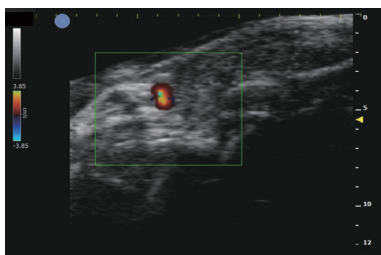
Mouse liver



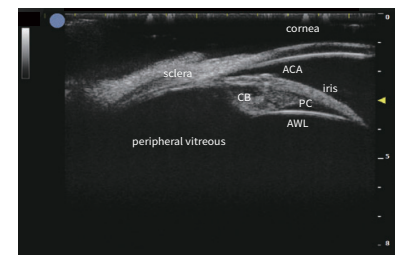
Liver tumor in mouse



Fetal Mouse



Zebrafish Cardiac



Rabbit Eye

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