

Rocvue T7

Unveiling Super-Resolution

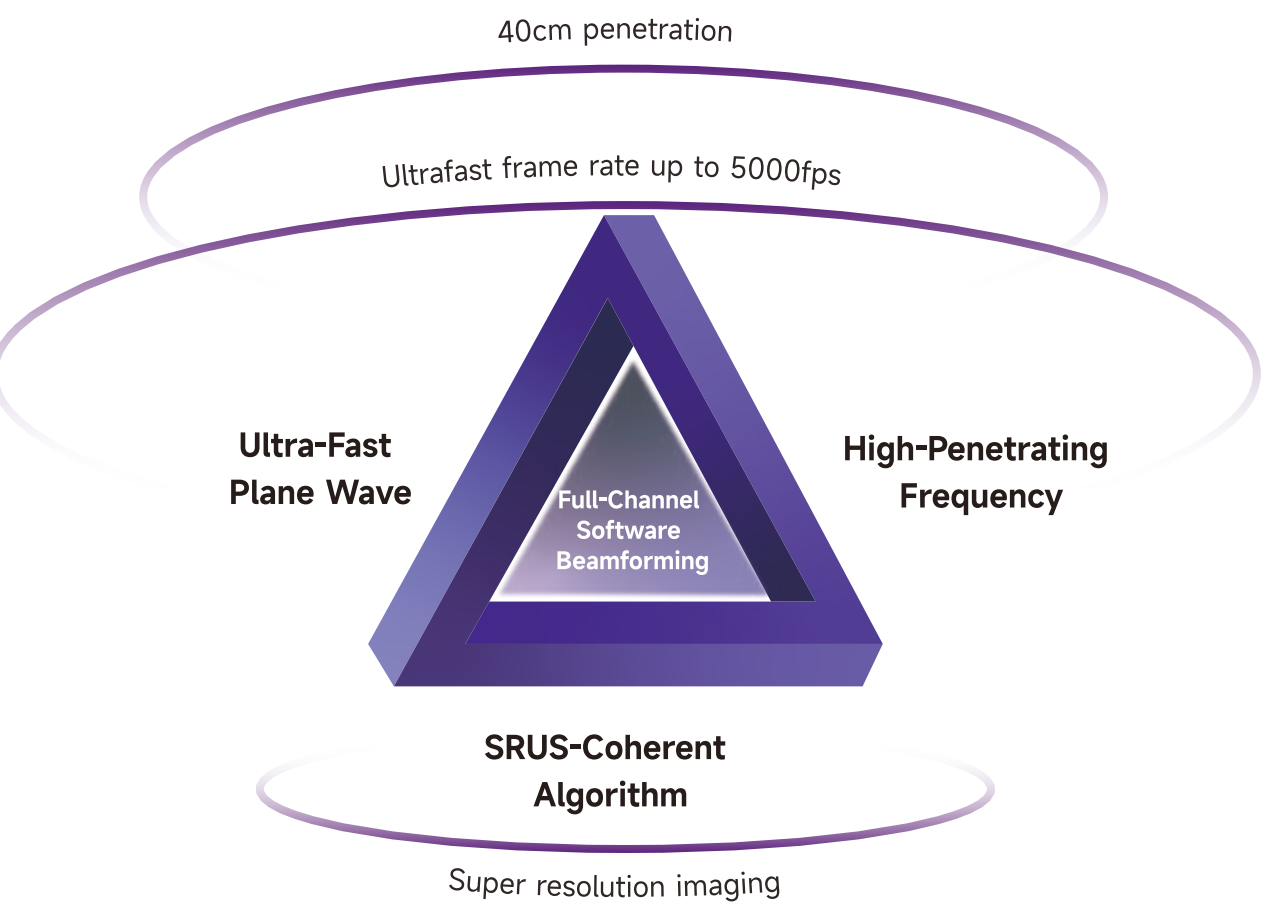


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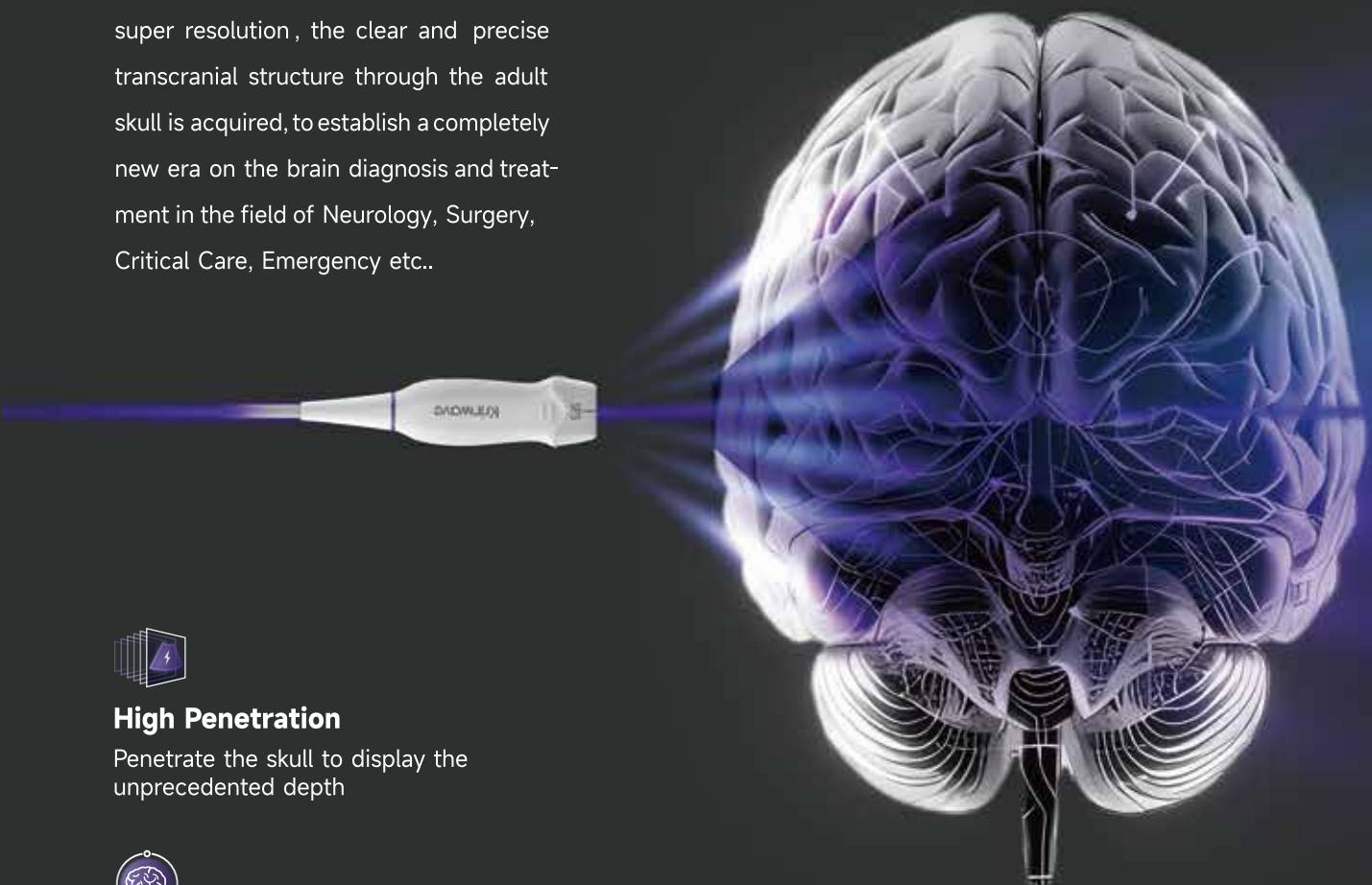
Principle Breakthrough



Due to the principle breakthrough, Rocvue T7 is powered by kOS, which is the distinctive architecture of Ultrasound Operating System, designed to utilize innovative Ultra-Fast Plane Wave, High-Penetrating Frequency, SRUS-Coherent Algorithm as well as Full-Channel Software Beamforming. Leveraging the robust capability of GPU, Rocvue T7 powered with kOS, has achieved a wonderful combination of super resolution and high penetration at deep tissues for the first time in industry.

Exceptional Transcranial

Due to exceptional high penetration and super resolution , the clear and precise transcranial structure through the adult skull is acquired, to establish a completely new era on the brain diagnosis and treatment in the field of Neurology, Surgery, Critical Care, Emergency etc..



High Penetration

Penetrate the skull to display the unprecedented depth



Super Resolution

Remarkable internal structure of the brain



Low Acoustic Power

Safety for tissue of the brain

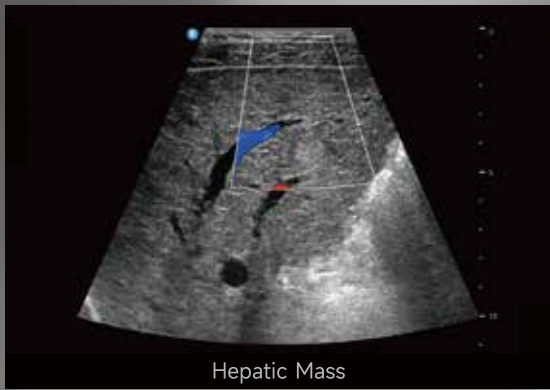


Middle Cerebral View

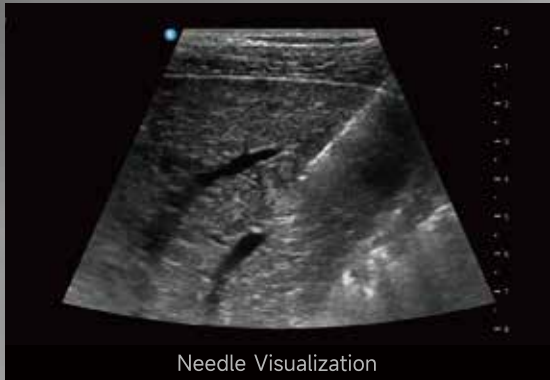


Cerebral Color Flow

Accurate Procedure

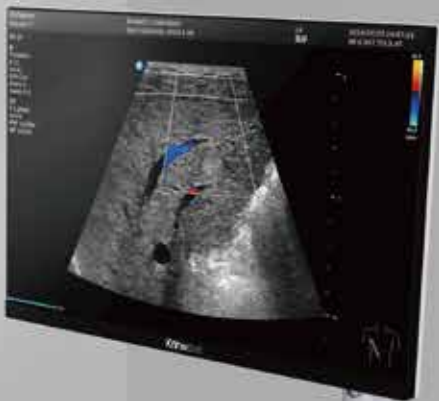


Hepatic Mass

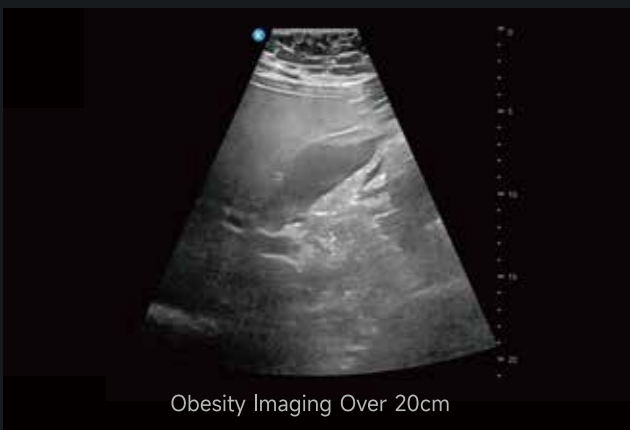


Needle Visualization

The precise lesion with detailed imaging at the any depth of whole field, clear needle tip visualization as well as puncture track without blind region during interventional procedure, has allowed treatment easy and safe.



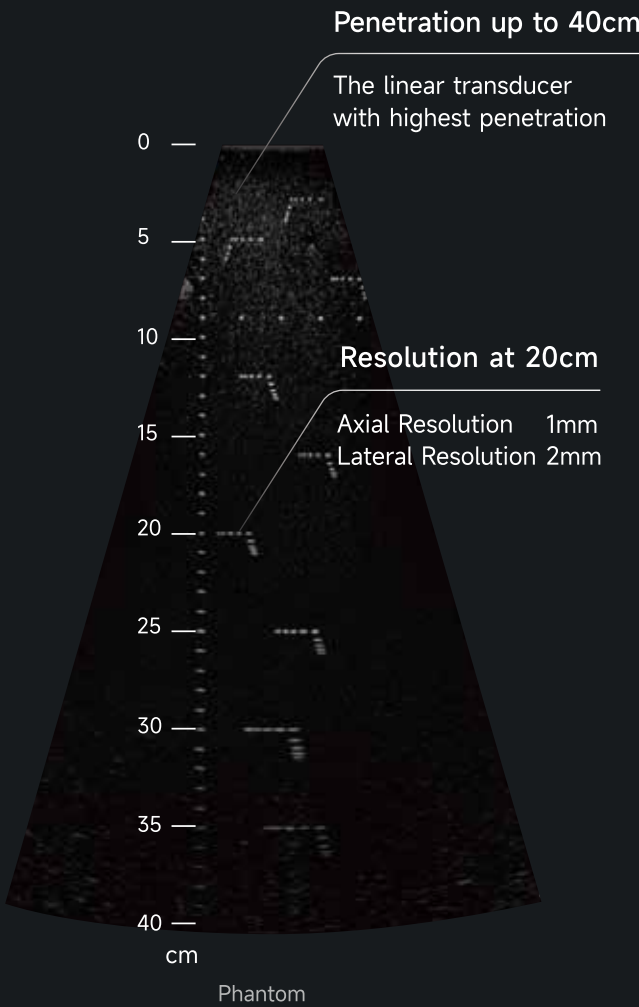
Unprecedented Penetration



Obesity Imaging Over 20cm



Liver Hemangioma



The linear transducer with highest penetration is able to simultaneously display super resolution at deep tissues, to realize precise diagnosis for obese patients.



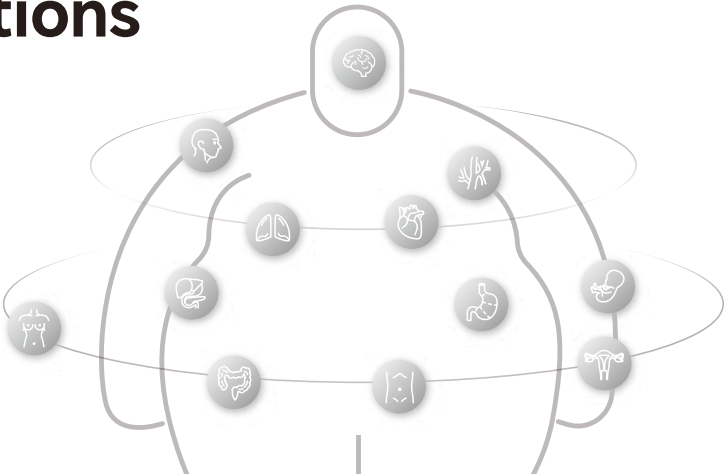
Distinctive Pediatrics



With one transducer covering the wide range ages of children, Rocvue T7 is able to be applied from new born baby to teenager, particularly focusing on transcranial, lung and abdominal scenarios.

Comprehensive Solutions

Based on the High-Penetration Frequency and SRUS-Coherent Algorithm, Rocvue T7 provides customers with comprehensive solutions, widely applied in transcranial, abdominal, gastro-intestinal, superficial and cardiovascular fields.



Ultra-Penetration Transducer

Core Technologies



Air-Coupled Approach



4-Matching Layers Approach



Total-Shielding Approach



Self-Cooling Approach

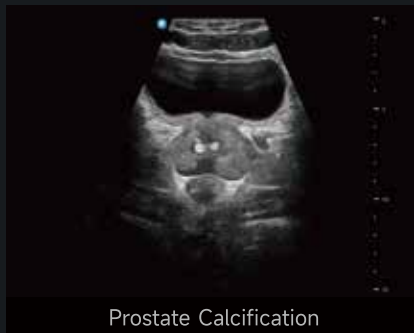
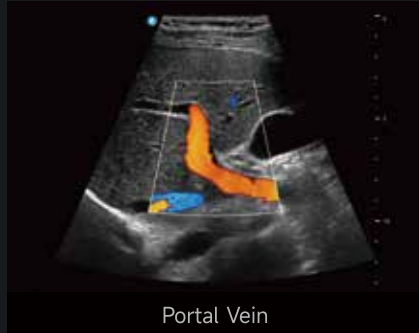
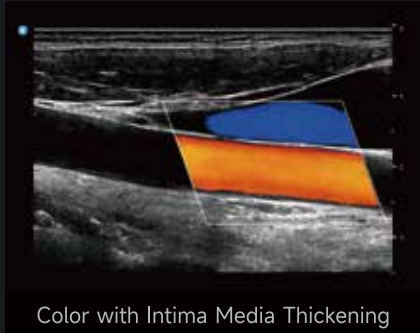
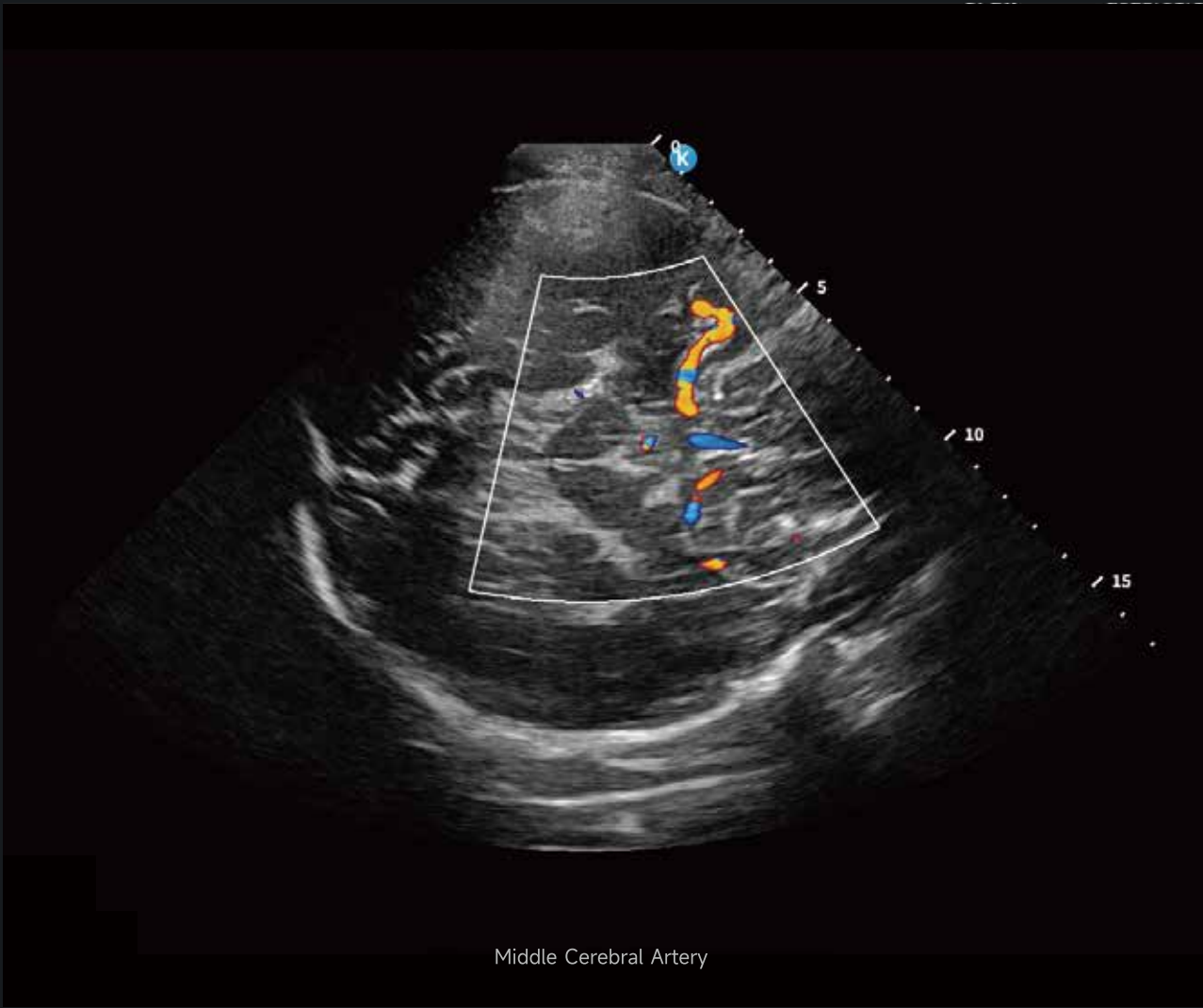


Gas-Resistance Approach

Transducers Family



Image Gallery



User-friendly Ergonomics Design



Slim footprint of 500mm width



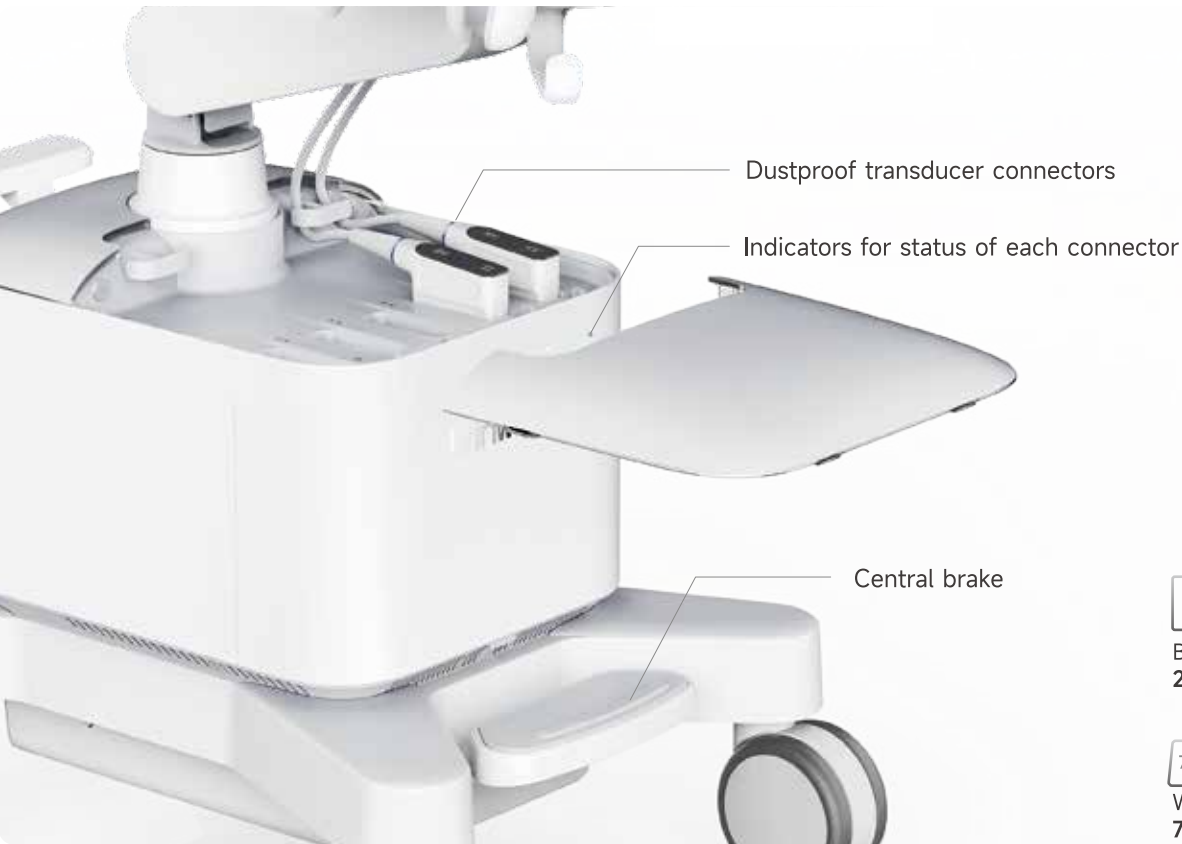
1m height for transportation



Entire cable management



Adjustable height
range of 500mm



Dustproof transducer connectors

Indicators for status of each connector

Central brake

2.5h
Battery life
2.5h

72kg
Weight
72kg