



MS12

Portable Colour Doppler Ultrasound System

Diagnostic Capability for Daily Routine

The MS12 system is a compact color system equipped with advanced imaging technologies and supports all convex, linear, and phased array probes, including body surface and endocavity probes.

The MS12 excels in diagnostic capability, offering high PW, CW, and CFM Doppler sensitivity, making it an ideal system for routine use in general imaging (GI), obstetrics/gynecology (OB/GYN), cardiac, and point-of-care (POC) applications. Moreover, its innovative ergonomic design, featuring a new keyboard integration and a large HD LED monitor, along with its lightweight and dedicated trolley with height adjustment, make it equally suitable for use in daily routine.

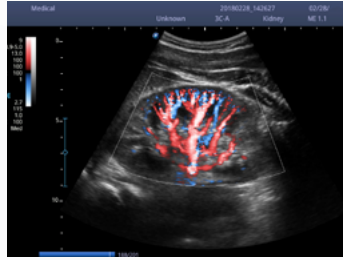
With its cutting-edge imaging technology, **the MS12** is not only an ideal tool for stationary ultrasound routines but also excels at bedside examinations, thanks to its ergonomic keyboard, user-friendly interface, and seamless connectivity to hospital PACS and printers.

The adjustable angle and anti-reflective screen of the **16" LED monitor** ensure optimal visibility even in bedside settings. Additionally, its two standard probe connectors enable easy switching between different anatomical districts, while its quick boot-up time, high-capacity integrated battery, and WIFI connectivity ensure fast and efficient use, particularly in emergency departments.

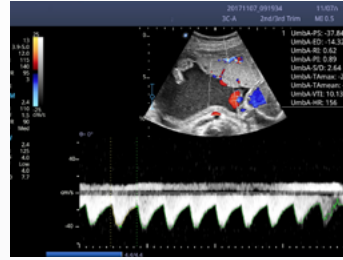
Imaging solutions for all your needs



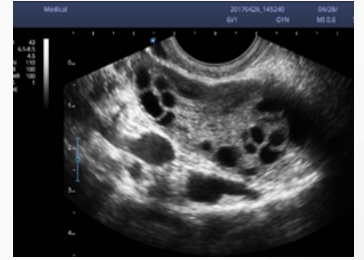
Abdominal Liver



Abdominal Kidney SR Flow



OB/Gyn UA Artery



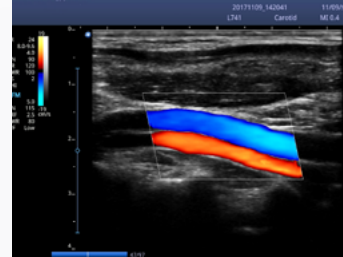
OB/Gyn Ovary



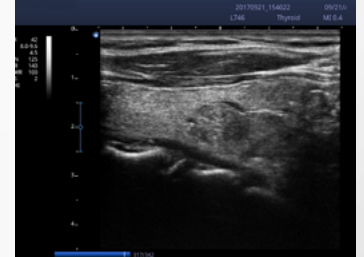
Cardiac A4C



Cardiac AR CW



Vascular VA



Small Parts Thyroid Nodule



Advanced Technologies

Multi and Continuous Beam Technology:

Dynamic focus provides more energy, contributing to higher contrast resolution, signal-noise ratio, and image uniformity.

Speckle Noise Reduction Technology (SNRT):

Enhances image quality by reducing speckle and improving visualization.

Panoramic Imaging:

Produces panoramic images providing both qualitative and quantitative information.

SR Flow with CFM and TDI:

Delivers high Doppler sensitivity across all Doppler modalities, enabling detailed visualization of small veins and slower velocities for precise blood flow and, with TDI, the tissue information.

Tissue-Specific Imaging:

Automatically detects different tissues, allowing users to acquire images with greater uniformity and higher spatial resolution.



The MS12 system boasts advanced imaging technologies as standard configurations, supporting convex, linear, and phased array wide-range probes, empowering users to define the optimal solution for routine use in GI, OB/GYN, Cardiac, and POC applications.

A diverse selection of multifrequency and special probes, including IVT and TRT with frequencies of up to 16 MHz, enhances versatility and performance across all applications. All probes and biopsy kits are lightweight and ergonomically designed to deliver premium performance and user comfort. The inclusion of needle enhancement technology with the Linear probe makes **the MS12** ideal for interventional procedures.



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**High Quality Imaging Solutions
- American Service and Reliability**

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Specifications subject to change without notice. For further details, please contact your Medisono sales representative.

