

Hepatus series
Diagnostic ultrasound system

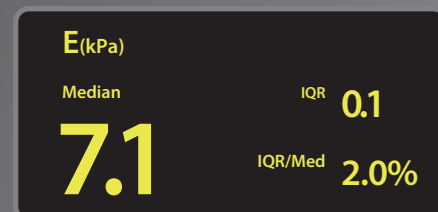
New Vision for Liver Care



A new era for noninvasive diagnosis of liver disease

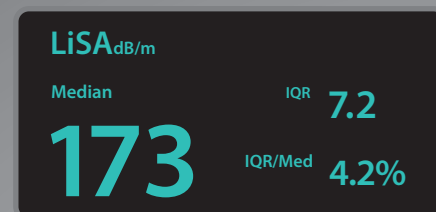
The health of the liver cannot be ignored. Fatty liver disease and liver fibrosis will further develop into liver cirrhosis, liver cancer and even liver failure if they are not treated timely.

Hepatus is a professional non-invasive diagnostic system for liver diseases, providing quantitative result to indicate the stage of liver fibrosis. It is accurate, efficient, reliable, and convenient for disease follow-up, opening a new era for noninvasive diagnosis of liver diseases.



Quantitative analysis of liver stiffness

Provide quantitative detection of liver stiffness and liver fibrosis stage by transient elastography technology.



Quantitative analysis of liver steatosis

The severity of liver steatosis can be quantitatively evaluated by LiSA (Liver Ultra-Sound Attenuation) technology.

Wide range of clinical applications

It is applicable to the screening, diagnosis, monitoring and treatment assessment of liver fibrosis and steatosis due to various reasons. Especially during early stage.

- Nonalcoholic fatty liver disease
- Alcoholic liver disease
- Chronic hepatitis B
- Chronic hepatitis C
- Drug-induced liver injury
- Autoimmune liver disease
- Biliary tract disease



Recommended by global guidelines for liver diseases, preferred examination method for chronic liver diseases



Evitable liver biopsy, reduced risk of biopsy, simple and fast, safe and economic examination.

Quantitative detection and assessment of the severity of liver fibrosis and steatosis, widely recommended by global guidelines for liver diseases, with mature and reliable diagnostic criteria.



Non-invasive



Quantitative



Sensitive and accurate



Easy follow-up

High sensitivity to liver fibrosis and steatosis in the early stage with high detection accuracy, conducive to the early screening, diagnosis, treatment and rehabilitation of liver diseases.

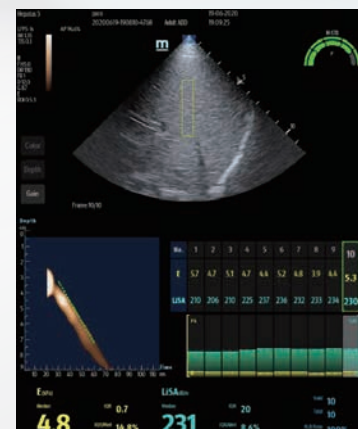
Convenience for doctors to monitor the results of the same patient at different times, thus realizing disease tracking and treatment evaluation.



New vision for accurate detection

Advanced ViTE (Visual Transient Elastography)

- Conduct quantitative detection and evaluation of liver fibrosis and steatosis under the visual guidance of real-time 2D ultrasound
- Avoid blood vessels and lesions, improve the accuracy and reliability of the measurement
- Greatly reduce the operation difficulty, improve the accuracy and repeatability of quantitative measurements



Integrated probe design

- Ultra-wideband frequency technology, it covers all patients of different ages and body shapes
- One probe for ultrasound visual guidance and quantitative detection, no need to switch probes during the scan
- The acquisition process can be accomplished with one integrated button



Fast, reliable and smart

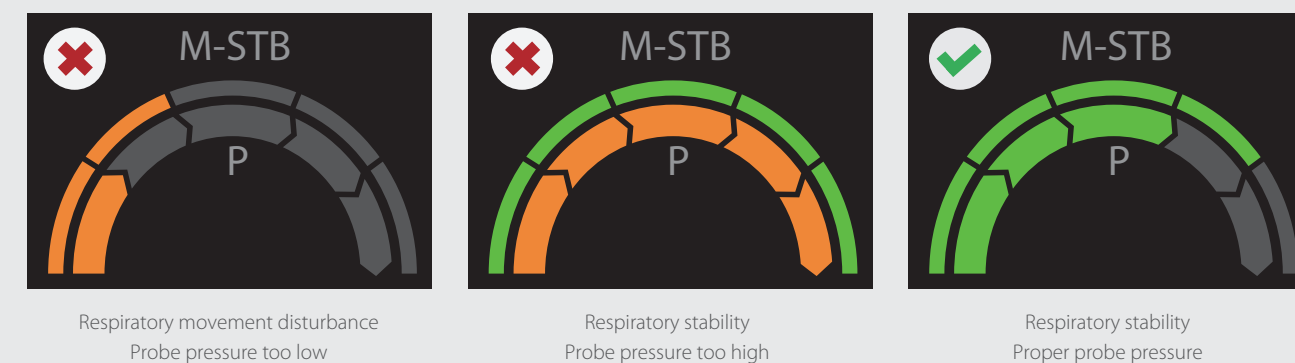
Fast Q-Scan intelligent acquisition

- 10 groups of effective data can be automatically and continuously acquired and intelligently screened by pressing one button
- Precise and valid detection results can be obtained immediately within merely **7 seconds** after positioning

Q-Scan										
序号	1	2	3	4	5	6	7	8	9	10
E	7.2	7.8	7.5	7.1	7.1	7.1	7.0	6.4	7.2	7.1
LISA	173	177	174	168	176	171	175	184	165	135

Reliable quality control index

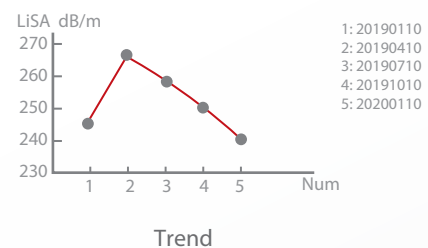
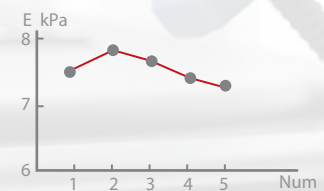
- Pressure index (P): quality control of probe pressure
- Respiratory movement index (m-STB): ensure respiratory stability
- Clear indication with different color to improve the quality control during examination





Smart trend analysis

- Follow up the exam results at later times and conduct trend analysis
- Convenient for doctors to monitor the changes of liver status, and conducive to disease tracking and treatment evaluation
- Detection data can be exported in batch for research and analysis



Various ultrasound solutions

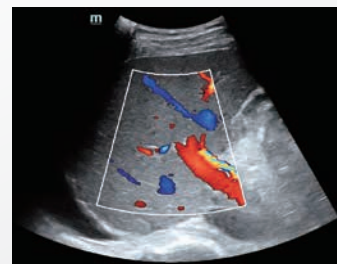
- Professional ultrasound probe to facilitate the examination of ascites, etc.
- Dedicated ultrasound guided puncture to improve the accuracy of biopsy
- Excellent ultrasound image and function enable comprehensive assessment of liver morphology and hemodynamics.



Ultrasound guided liver puncture



Liver ascites



Assessment of portal hemodynamics



Assessment of liver morphology

Outstanding user experience

Easy access



- Full touch screen tablet for easy operation and disinfection



- Convenient patient information input with bar code scanner
- Flexible panel which can be adjusted in various directions

Wide range of applications



- Dual-probe sockets ensure fast switching between ultrasound diagnosis with liver fibrosis and steatosis detection
- Built in battery ensures a long scanning time without AC connected

Excellent cable management



- Excellent power cable management, to avoid the cable being lost or damaged by wheels

