Healthcare,
Delivered.

# vSONO 1

## DIAGNOSTIC ULTRASOUND SYSTEM

ViSOR
Healthcare Solutions

# **PRODUCT** DISPLAY

## Excellent performance for you

By combining advanced adaptive precise transmission and reception control with efficient multi-channel parallel processing technology, the machine's computing speed is maximized while achieving the best image performance.

21 inches high resolution LED Monitor

Imaging Technique:
Automatic optimization
Spatial compound imaging
Speckle reduction imaging
Color quantification
**Fine angle steer**
Tissue harmonic imaging
Pulse inversion
**harmonic imaging**

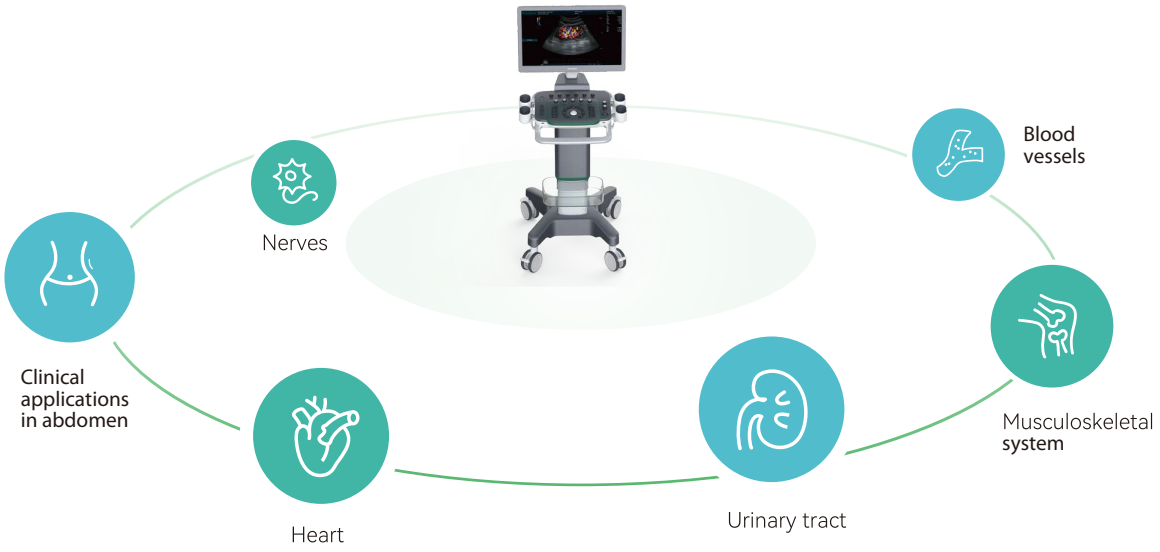
One-key optimization to optimize image in real time.Auto trace, measurement and calculation

**Triplex:** B+CF/PDI/DPDI+PW

Support obstetric fetal growth curve

**Large hard drive with** RAM8G, ROM256G support large cases and long-term storage.

# PRODUCT FEATURES




## Function

Real-time automatic Doppler calculation, OB calculations, Fetal trending, Multi-gestational calculations, Hip dysplasia calculations, Gynecological calculations, Vascular calculations, Urological calculations, Renal calculations, Cardiac calculations, On-board electronic documentation, PW Auto-trace , Privacy and security, DICOM, Wide view, Auto IMT.

## Standard Display Modes

B Mode, Dual B, Quad B, CF Mode, M Mode, B/M Mode, PW Mode, Power Doppler Imaging, Directional Power Doppler Imaging, Picture in Picture, Trapezoid, Panorama, Color M Mode, Anatomy M Mode.

## Cine/Image

Scrolling timeline memory,Thumbnails Image/Cine display, Cine review loop, Cine review speed, On-board database of patient information from past exams.

## Built-in case management system

Which can be viewed according to different labels; one-click editing of report templates, and support for direct connection to various types of printers.

## Optional Display Mode

Tissue Doppler Imaging, 3D/4D Mode, Wide View, Needle Enhance Mode.

## Tissue Doppler Imaging

Using the principle of Doppler effect to show the movement of myocardial tissue.

### iTouth

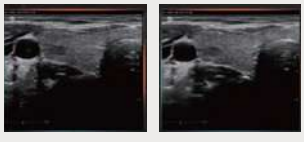
Intelligent one click image automatic optimization

### Speckle Noise Reduction

Intelligent speckle noise s uppression imaging

### Intelligent Space Review Imaging

Continuously updating fusion **imaging by receiving echo signals** from multiple angles in space



# **TECHNICAL** SPECIFICATIONS

Color Doppler Ultrasound Diagnostic System

## SYSTEM OVERVIEW

### 1.Application

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Generic | Abdomen | Obstetrics | Gynecology | Vascular | Small Parts | Urology | **MSK** | Cardiology |

### 2. Transducer Types

| | | | | | |
|---|---|---|---|---|---|
| Convex array | Linear array | Phased array | Micro convex array | Volume array | Intracavity probe |

### 3. Display Modes

| | | | | |
|---|---|---|---|---|
| • B Mode | • Dual B | • Quad B | • CF Mode | • M Mode |
| • B/M Mode | • PW Mode | • Power Doppler Imaging | • Directional Power Doppler Imaging | • Picture in Picture |
| • Trapezoid | • Panorama | • Color M Mode | • Anatomy M Mode | |

### 4. Imaging Technique

| | | | |
|---|---|---|---|
| • Automatic optimization | • Spatial compound imaging | • Speckle reduction imaging | • Color quantification |
| • Fine angle steer | • Tissue harmonic imaging | • Pulse inversion harmonic imaging | • Virtual convex |

### 5. Image formats

| | | | | |
|---|---|---|---|---|
| • AVI | • BMP | • JPG | • PNG | • DICOM |

### 6.System Language Support

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| • English | Arabic | Chinese | French | German | Indonesian | Italian | Portuguese | Russian | Spanish |

### 7. Triplex

| | | |
|---|---|---|
| • B+CF | • PDI | • DPDI+PW |

# **ADVANCED IMAGING** TECHNOLOGIES

Before advanced imaging

COMPOUND — Image optimization adapt to different applications

iTHI — Contrast,resolution & SNR improvement

SRI — Speckle reduction & Smooth the tissue images

After advanced imaging

# VARIOUS UNIVERSAL **PROBE**

C5-2R60N
Convex probe

**Applications:**

Generic, abdomen,obstetrics, gynecology, urology

**Frequencies:**

2.5, 3.5, 4.0, 5.0, 6.0, H3.6, H4.0,H5.0,H6.0 MHz

C5-2R20N
Microconvex probe

**Applications:**

Generic, abdomen, obstetrics, gynecology, urology

**Frequencies:**

2.5,3.5,4.0,5.0,6.0,H3.6, H4.0,H5.0, H6.0 MHz

P4-2L15SI
Phased array probe

**Applications:**

Generic, abdomen, **cardiology**

**Frequencies:**

2.0, 3.0, 4.0,H3.2, H3.6, H4.0 MHz

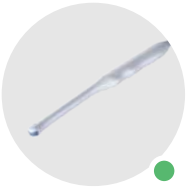
L12-5L40N
Linear probe

**Applications:**

Small parts, vascular, musculoskeletal, superficial

**Frequencies:**

5.0, 7.5, 8.5, 10.0,H8.0, H9.0, H10.0, H12.0 MHz



C9-5R10N
Transvaginal probe

**Applications:**

Obstetrics, gynecology, urology

**Frequencies:**

4.0, 5.0, 6.5, 8.0, 9.0,H7.0, H8.0, H9.0 MHz

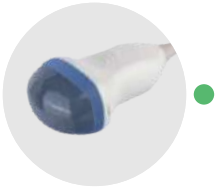
L14-6L40H
Linear probe

**Applications:**

Generic, vascular, small part, musculoskeletal

**Frequencies:**

7.5, 10.0, 12.0, 14.0,H10.0,H12.0,H14.0MHz



C9-5
Volume probe

**Applications:**

Obstetrics,abdo-men,urology

**Frequencies:**

5.0,6.0,9.0MHz

L12-5L60N
Trans-rectal probe

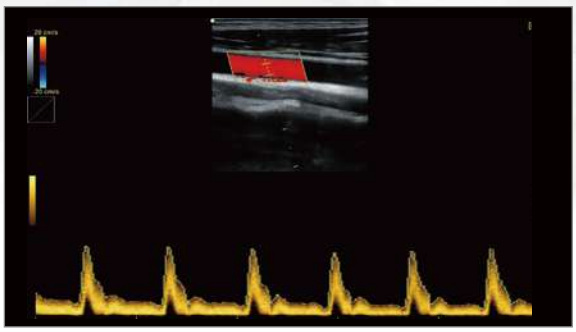
**Applications:**

Obstetrics, gynecology, urology

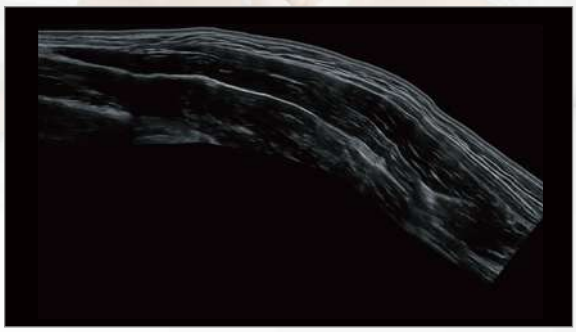
**Frequencies:**

5.0, 7.5, 8.5, 10.0, H8.0, H9.0, H10.0, H12.0 MHz

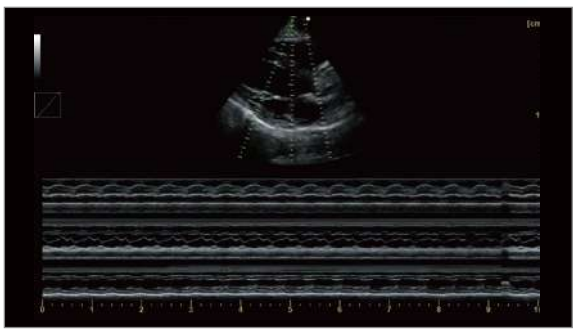
# ADVANCED
## CLINICAL IMAGING



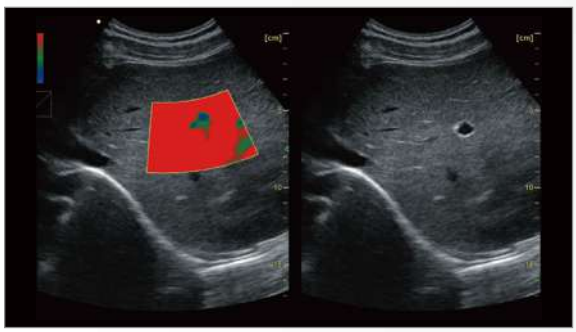
Automatic Spectrum Measurement Mode



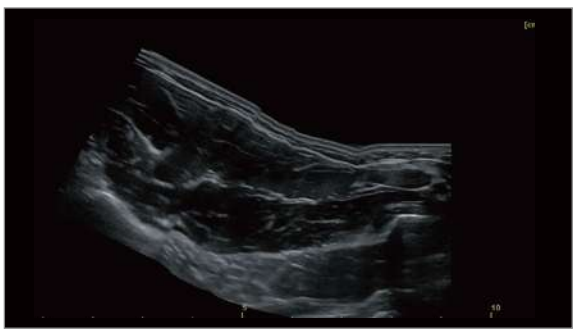
Panorama Image Mode



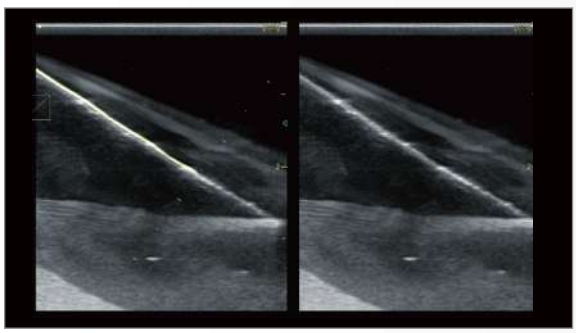
Anatomical M Mode



Elastography Mode



Panorama Image Mode



Puncture Enhancement Mode

Visor Healthcare Solutions
North London Business Park, Building 5, Office 1
Oakleigh Rd South, New Southgate,
London N11 1GN, UK
www.visorhealthcare.co.uk