

**DIMENSIONS**



**DIAGNOSTIC SCANNER**  
**Linear Ultrasonic System**  
**HS-103V**

**6.5 inch**

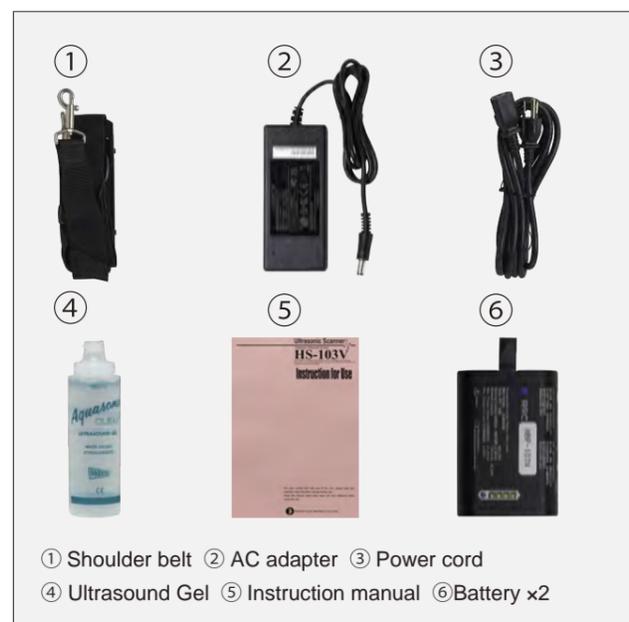


**LCD Brightness**  
**1000 cd/m<sup>2</sup>**

**SPECIFICATIONS**

<b>Channel</b>	96 channels
<b>Display Monitor</b>	6.5 inch (640 x 480 VGA)
<b>Display Mode</b>	B-mode
<b>Doppler</b>	CFM (Color Flow Mapping), PD (Power Doppler)
<b>Range</b>	2 cm ~ 16 cm (1 cm step)
<b>Ultrasound Frequency Rate</b>	5.0, 7.5, 10.0 MHz
<b>Acoustic Power</b>	20 to 100% (10% step)
<b>Image Adjustment</b>	B-Gain : 36 to 100 dB (1 dB step) B Dynamic Range : 35 to 95 dB (1 dB step) Doppler-gain : 35 to 100 (5 step) Doppler Speed Range : 1/2, 1, 2, 4, 8, 16 γcorrection : 2 types H-res : OFF, Detail1, Detail2, (Image Enhancement) Detail3,Mild, Resolution Penetration, Clarity, Boundary, Anatomy Soft : Off, 1 ~ 4 levels Edge : Off, 1 ~ 3 levels
<b>Measurement Function</b>	Distance, Circumference, Histogram, Cattle Pregnancy weeks (CRL)
<b>Data Storage</b>	Still Image (JPEG) : Internal 200 image max Movie Image(AVI) : Internal 10 image max
<b>External I/O</b>	DVI port, USB port
<b>IPX</b>	IPX1
<b>Power Source</b>	DC 10.8 V
<b>Dimension</b>	184 mm(W) x 260 mm(H) x 60 mm(D)
<b>Net Weight</b>	1.8 kg (Including Probe, Battery and Shoulder belt)
<b>Probes</b>	Linear Probe (Rectal) 10.0 / 7.5 / 5.0 MHz 50 mm HLV-275M

**ACCESSORIES**



**OPTION**



Attention  
 •Contents of this catalog are as of Dec 23, 2022  
 •The specification and appearance are subject to change without notice for improvement.  
 •Actual colors of products and colors of this catalog may a little different cause of printing.

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Dec 23, 2022



**MADE IN JAPAN**



# HS-103V

## Features

1. Multi frequency / High Density (HD) Probe
2. Doppler functions
3. Battery powered
4. Cine-loop functions
5. Measurement functions



## LCD Screen Bonding Technology



LCD Brightness  
1000 cd/m<sup>2</sup>

Enhanced image brightness and LCD Screen Bonding improve visibility and prevent screen condensation.



## 1 Multi frequency / High Density (HD) probe

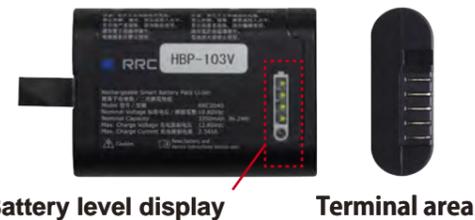
Unique probe developed by Honda Research Team. Three frequencies can be independently selected according to the depth of the diagnosis site.



Probe : HLV-275M  
Frequency : 10.0/7.5/5.0 MHz  
Width : 50 mm

## 3 Battery powered

Battery provides approximately 3 hours of continuous operation. An LED confirms the remaining battery charge level.



Battery level display

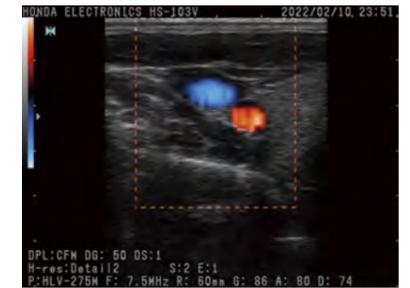
Terminal area



Connect the AC adapter to the main unit to charge the battery.

## 2 Doppler functions

Color Flow Mapping (CFM) and Power Doppler (PD) functions allow observation of blood flow around the corpus luteum (CL) as well as other patient anatomical organs.



## 4 Cine-loop functions

Up to 255 frames can be played back. Images can be saved according to the optimum frames.



## 5 Measurement functions

The size of the fetus and corpus luteum can be measured.



### Pregnancy image (cattle)



### Blood flow image for corpus luteum (cattle)

