HS-2700V

H=1,200 mm

FRONT

D=480 mm

SIDE

W=500 mm

BACK

Specifications

Scanning Method	Linear/Convex Electric Scan
Display Mode	B, B/B, B/M, M, B/Z
Range	
3.5 MHz	0 〜 2-24 cm (1 cm step)
More than 5 MHz	0 〜 2-16 cm (1 cm step)
Beam Focus Method	Full Digital Method
	4 Stages Dynamic Transmission Focus
	Dynamic Receiving Focus
Ultrasound Frequency Rate	2.8 〜 11.0 MHz
Display Monitor	12.1 inch Color Liquid Crystal
	Wide range viewing angle
	(Horizontal：170° Vertical：170°)
Image Display	Up/Down, Left/Right
Image Adjustment	B-Gain, M-Gain： 36 〜 100 dB 1 dB step
	Dynamic Range： 35 〜 95 dB 10 dB step
	(1 dB adjustable)
	STC： 8-Level Side Control
	Acoustic Power： 20 〜 100% (10% step)
	γcorrection： 5 styles
	H-res(Image Enhancement)：OFF, Detail1, Detail2, Mild, Detail3, Resolution Penetration, Clarity, Boundary, Anatomy
	Sweep Speed (M-Mode)： 5 steps
Doppler	CFM(Color Flow Mapping), PD (Power Doppler), PW(Pulse Wave Doppler)
Display Area for Doppler	Vertical, Box
Cine Memory	255 frames
Measurement Function	Distance, Circumference / Area, Volume, Tendon%, Histogram, Velocity, LV Calculation, Gestational Tables for all Large, Small Mixed Animal Practices
Character Display	Hospital Name(40), Patient Name(30), ID(26), Age, Sex, DOB, Date, Time , Probe Type, Range, Gain, Doppler Gain, Doppler Speed Range, ROI Acoustic Power, Frequency, Dynamic Range, Gamma, H-res, Gray Scale, Focus Information
Probe Connector	x 2
Dimension	500 mm(W) x 1,200 mm(H) x 480 mm(D)
Net Weight	20 kg
Power Source	AC Adapter 100 〜 240 V 50/60 Hz
Data Storage	Still Image(JPEG) Internal(100 image max.) / External USB memory
	Still Image(DICOM) External USB memory
	Moving Image(AVI) External USB memory
External I/O	USB Memory Port x 1
	Video Output x 1
	Foot Switch Port x 1
	Printer Remote Port x 1
Probes	Linear Probe
	(11.0/9.0/6.0 MHz 40 mm) HLS-594M
	(10.0/7.5/5.0 MHz 50 mm) HLS-575M
	Convex Probe
	(5.0/3.5/2.8 MHz 60 R) HCS-436M, HCS-436MSC
	Micro-Convex Probe
	(9.0/7.5/5.0 MHz 20 R) HCS-572M
Accessories	AC Adapter, Power Cord, Ultrasound Gel

22-009

October 20, 2021

HONDA ELECTRONICS CO.,LTD.

DIAGNOSTIC SCANNER
Convex / Linear Ultrasonic System

HS-2700V

12.1 inch   JAPAN

Introduction video

Probes

In order to deal with wide range application, more high resolution probes have been added to our selection. Please select the best matching probe for your needs.

Micro-convex

HCS-572M
9.0/7.5/5.0 MHz
20 R 2 m

Convex

HCS-436M
5.0/3.5/2.8 MHz
60 R 2 m

HCS-436MSC
5.0/3.5/2.8 MHz
※Single Crystal
60 R 2 m

Linear

HLS-575M
10.0/7.5/5.0 MHz
50 mm 2.2 m

HLS-594M
11.0/9.0/6.0 MHz
40 mm 2.2 m

- ・Curvature Radius
- ・Scanning Width
- ・Length of Cable

＊Video printer is not included.

Doppler Mode

HS-2700V supports CFM (Color Flow Mapping), PD (Power Doppler) and PW(Pulse Wave Doppler) modes. They will adapt to a wide range of medical application.
Additionally, HS-2700V has two kinds of ROI types. (Box, Vertical)

CFM (Color Flow Mapping)   PD (Power Doppler)   PW (Pulse Wave Doppler)

Box   Vertical
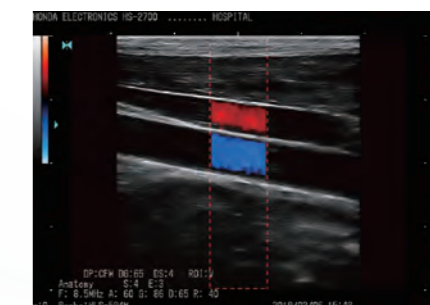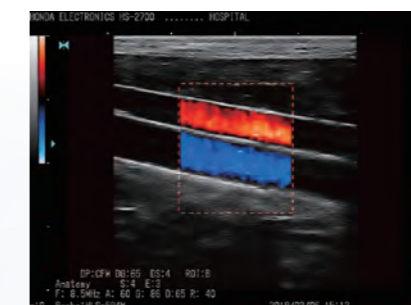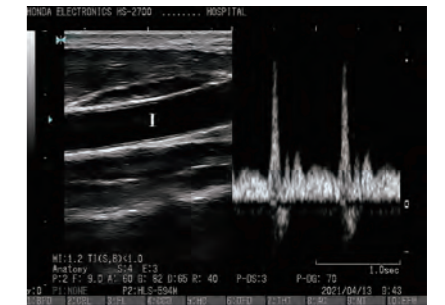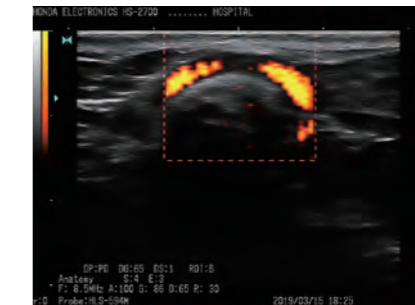
H-res ™

H-res (Our Resolution Technology)

The development of ultrasound technology over the years crystallized into the image enhancing technology as "*H-res*". Optimum image can be achieved by adjusting the H-res parameter for each application and probe.
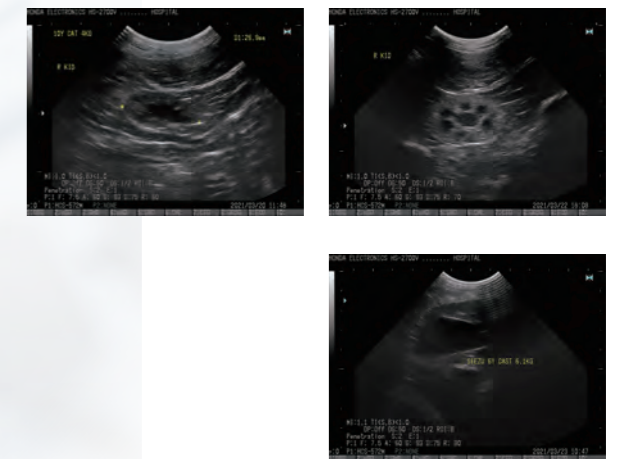
Main applications

- ● Pregnancy detection (dog, cat, etc)
- ● Abdominal, cardiac for small animal
- ● Tendon (equine)
- ● Health care of animals in the pet shop
- ● Scanning in the zoo

Made in Japan

This product is assembled in Japan. We produce even the ultrasound sensor ceramics in its own factory.