

# Honda HS-1500V Portable Ultrasound Scanner

**Manufacturer: Honda Electronics**

**Model: HS-1500V Veterinary Ultrasound System**



## Summary:

The Honda HS-1500V portable veterinary ultrasound scanner weighs just 6Kg (inc. battery). It is a truly compact yet attractive system featuring outstanding technology that will enable the user to fulfil the present and future requirements for diagnosis within the ultrasound field. A powerful portable system able to run a range of Linear, Convex and Microconvex probes. Excellent Image quality coupled with Image storage, comprehensive software and multi-frequency probes make this a very popular veterinary ultrasound system.

## SPECIFICATIONS

### Scanning Method

- Linear / Convex / Microconvex electronic scan

### Display Mode

- B mode (single)
- B/B mode (double)
- B/M mode (4 step sweep speed selection on M mode)

### LCD

- 8.4 inch display

### Range

- 3.5MHz  
24cm, 18cm, 15cm, 12cm, 9cm, 6cm
- 5.0MHz / 7.5MHz / 10.0MHz  
16cm, 12cm, 10cm, 8cm, 6cm, 4cm

### Focusing Method

- Transmitter  
4-stage dynamic focus

- Receiver  
Real-time dynamic focus

### Image Adjustment

- Dynamic range  
from 35 to 95 with 10dB step selection
- B-gain, M-gain  
36-100dB variable by rotary encoders (1dB step)
- STC  
4 step sliding volume on adjusted depth levels

### Image Processing

- Frame correlation  
On (2-step) / off selection
- Line correlation  
On (2-step) / off selection
- Grey curve selection

### Image Display

- Image direction  
Reverse (Left/Right), Up/Down
- Shift  
1cm step (max. depth 18cm)
- Cine Memory: 41 frames

**Image Store**

- Flash memory (60 images)

**Image Functions**

- Practise name (40 char.)
- Patient name & ID No. (26 char. / 1000 patients)
- Age
- Date and Time
- Probe type
- Image direction
- Range

**Measurement Function**

- Distance
- Circumference, Area
- Volume
- Angle
- Gestational weeks calculation
- Histogram
- LV calculation
- Tendon %
- User programmable tables

**Interface**

- Video output
- RS-232 port

**Dimensions**

- Approx. 296(W) x 182(D) x 348(H)

**Weight**

- Approx. 6kg

**Power Source**

- 100V-240V AC 50/60Hz

**Probes**

- HCS-336M 2.8/3.5/5.0MHz 60R Convex Probe
- HCS-352M 3.0/5.0/7.0MHz 20R Microconvex Probe
- HCV-3710MV 5.0/7.5/9.0MHz 10R Long Handled Microconvex Probe
- HCS-3710M 5.0/7.5/9.0MHz 10R Microconvex Probe
- HLS-375M 5.0/7.5/10MHz 50mm Linear Probe
- HLV-375M 5.0/7.5/10MHz 50mm Veterinary Rectal Probe
- HLS-313 10MHz 30mm Linear Probe
- HLV-3212M 1.5/2.0/3.0MHz 120mm Linear Probe

**Options**

- 12VDC battery (1hr. operation, 1hr. re-charge)
- Video printer
- Image utility software to allow the transfer of stored JPEG images
- Foot switch
- Biopsy guides
- Trolley
- External monitor
- Padded carry bag
- Stand-offs

*\*The specification is subject to change without notice*