



Good Morning! Is that SONOVET 2000 for me?

## Personal Veterinary Digital Ultrasound

# SONOVET 2000

### Wherever your work takes you

Yes, SONOVET 2000 is good news for our four-legged friends, veterinarians and animal husbandry professionals.

**Portable and wearable**, it puts the power of digital ultrasound scanning in your hands for non-invasive diagnosis anywhere, anytime. With its on-site capabilities, SONOVET 2000 raises the bar for animal health care quality and your working efficiency. And it comes with the superior imaging power of Medison's all-digital beamforming technology. Enjoy a **higher productivity and efficiency** at a surprisingly competitive price.



Medison Venture Tower, 997-4 Daechi-dong, Kangnam-gu, Seoul, 135-280, Korea  
TEL: 82-2-2194-1400 FAX: 82-2-2194-1168  
[www.medison.com](http://www.medison.com)

# Putting the Power of Portable Ultrasound in Veterinarians' Hands

SONOVET 2000 brings portable digital ultrasound system into the field, into the stockyard: anywhere and everywhere where veterinarians work. Featuring stylish and ruggedized ergonomic design, it sets up quickly and comes with user-friendly interface that includes a touch pad for menu navigation and a tiltable hi-resolution 6.4-inch TFT LCD screen. It's everything you've ever wanted in a scanner at an attractive price.

Lightweight and compact, SONOVET 2000's is wearable so you scan in the field or wherever your work takes you. For veterinarians and animal breeders alike, SONOVET 2000 enhances productivity and efficiency!



## Powerful Imaging

Featuring Medison's all digital technology for superior image clarity, SONOVET 2000 comes with a large 6.4-inch TFT LCD display which delivers a non-interlaced 640x480 pixel image. Other features include:

- 32MB Smart Media (Option available in 2001)
- Multifrequency Probe
- ASIC Technology
- Digital Beamforming
- Dual Mode Display
- M-Mode Image Display
- 32-Frame Cine Memory



Porcine Lean Percentage

## Rugged, Quality Construction

Featuring ruggedized construction, SONOVET 2000 is designed to withstand harsh operating conditions and comes with a weather-resistant carrying case. And at 3.6kg, it's a lightweight, compact package that's can be easily carried anywhere..

## Versatility

SONOVET 2000 is a versatile performer that's designed for both the farm and the office. In the field, the well-padded neck and waist straps make it not only wearable but comfortable, so your hands are free to handle the probe, input data and examine the animal. Back at the office, SONOVET 2000 mounts on the custom cart where it can be connected to external monitors for PC. The optional Head Mount Display eliminates glare and reflection while providing an extra margin of freedom in the field.

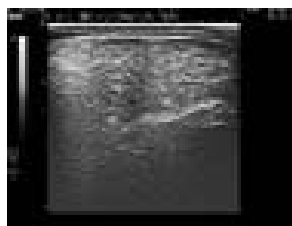


## Specifications

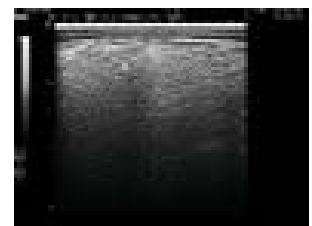
<b>Main features</b>	<ul style="list-style-type: none"> <li>■ Full Digital Beamforming</li> <li>■ Personal Digital Ultrasound</li> <li>■ ASIC Technology</li> <li>■ CINE</li> <li>■ Zoom</li> <li>■ Image Store</li> <li>■ Affordable 2-D Imaging (No Color)</li> <li>■ 6.4 inch TFT Non-Interlaced LCD : 640x480</li> <li>■ Lithium Battery</li> <li>■ Housing : Notebook Style</li> </ul>
<b>User Interface</b>	<ul style="list-style-type: none"> <li>■ Glide Point</li> <li>■ Gain Control : Overall Gain, Near Gain, Far Gain</li> <li>■ Monitor Brightness Control</li> </ul>
<b>Imaging Modes</b>	<ul style="list-style-type: none"> <li>■ 2 D imaging</li> <li>■ M-mode</li> </ul>
<b>Probes</b>	<ul style="list-style-type: none"> <li>■ Linear array                             <ul style="list-style-type: none"> <li>- L2-5/120CD, L3.5M/120mm/96EL/88SL</li> <li>- L4-7CD, L5.0M/65mm/96EL/176SL</li> <li>- L5-9/60CD, L7.5M/60mm/96EL/176SL</li> <li>- LV4-7AD, L5.0M/65mm/64EL/112SL</li> <li>- L2-5/150CD, L3.5M/150mm/96EL/88SL</li> <li>- L5-9CD, L7.5M/40mm/96EL/176SL</li> <li>- L2-5/170CD, L3.5M/170mm/96EL/176SL</li> <li>- LV5-9AD, L7.5M/40mm/64EL/112SL</li> </ul> </li> <li>■ Curved Linear Array                             <ul style="list-style-type: none"> <li>- C2-5/60BD, C3.5M/60R/60D/80EL/144SL</li> <li>- C4-7BD, C5.0M/40R/60D/80EL/144SL</li> <li>- VE5-8BD, C6.5M/20R/86D/80EL/144SL</li> <li>- C4-9/10ED, C6.5M/10R/113D/96EL/176SL</li> <li>- C5-8BD, C6.5M/20R/86D/80EL/144SL</li> </ul> </li> </ul>
<b>2D Imaging</b>	<ul style="list-style-type: none"> <li>■ Dynamic range</li> <li>■ Internal 64 gray levels (External 256 Gray Levels)</li> <li>■ Synthetic Aperture : High Quality Image</li> <li>■ Up to 2 transmit focal zones</li> <li>■ Dual imaging</li> <li>■ Triple Frequency</li> </ul>
<b>M-mode</b>	<ul style="list-style-type: none"> <li>■ Sweep speed Control</li> <li>■ Time markers</li> </ul>
<b>Measurement Tools and General Description</b>	<ul style="list-style-type: none"> <li>■ 2D distance</li> <li>■ 2D circumference/area by ellipse, continuous trace, trace by points</li> <li>■ M-mode distance (depth, time, slope)</li> <li>■ Integrated exam patient report</li> </ul>
<b>Cine Review</b>	<ul style="list-style-type: none"> <li>■ Acquisition, storage in memory, and display in real-time</li> <li>■ 32 frames</li> </ul>
<b>Image Storage</b>	<ul style="list-style-type: none"> <li>■ Internal Image memory : 32 Frames</li> <li>■ Smart Media : Easy transfer likewise floppy disk</li> <li>■ Image Management S/W (smart media card) - available this year</li> </ul>

**Carts are available optionally**

\* The specifications may be changed without notice.

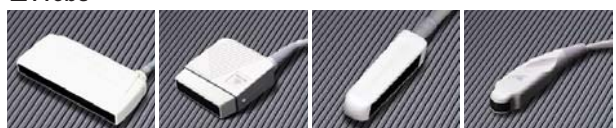


Bovine Marbling Score(Standard)



Bovine Marbling Score(Prime)

### Probe



L2-5/170 L5-9 LV5-9 C4-9/10

• SONOVET 2000 probes (and much more)

## Applications

- |                     |                             |                           |                                  |                              |   |                              |                     |
|---------------------|-----------------------------|---------------------------|----------------------------------|------------------------------|---|------------------------------|---------------------|
| <b>Bovine</b>       | • Early pregnancy diagnosis | • Reproductive evaluation | • Cardiac diagnosis              | • General abdominal work     | • Marbling score (quality index)            | • % Lean yield determination | • Effective feeding |
| <b>Swine</b>        | • Early pregnancy detection | • Backfat thickness       | • Marbling score (quality index) | • % lean yield determination | • Aid in effective feeding program analysis |                              |                     |
| <b>Equine</b>       | • Early pregnancy diagnosis | • Reproductive evaluation | • Cardiac diagnosis              | • General abdominal work     | • Tendon evaluation                         | • Treatment analysis         |                     |
| <b>Small Animal</b> | • Early pregnancy detection | • General abdominal work  | • Early detection of disease     | • Preventive treatment       |   |                              |                     |

Some features mentioned above may be optional or pending of government approvals in some countries.