

- **System:** Powered by a state of the art miniature PC with internal solid state disk storage.
- **Display:** High resolution, full color TFT LCD
- **Scan:** Supports both High frame rate and high resolution modes
- **Operator Interface:** 3 buttons control all operations.
The "action button" on the probe can be used as 1 of the controls for hands free operation.
- **Image processing:** Selectable operating frequencies from best penetration to best resolution. Optimized master gain control with near and slope setting adjustments.
- **Image control:** Pan, Zoom, Rotate, all operate on input data streams for highest resolution.
- **Post processing:** Gray and Color mapping both available.
- **Cine Loop:** Captures automatically the last several seconds of imaging. Can be saved as MPEG and reviewed on a PC
- **Image Save/Recall:** over 100 images can be saved internally and transferred to a memory stick for transfer to a PC in standard Ping (.png) image format.
- **Color Backfat Imaging:** A new way to immediately visualize the fat layer on the meat. The fat is automatically measured and average fat thickness is displayed. If the probe is scanned across the animal the average of the entire cut of meat is stored in the Cine loop This allows the average fat thickness for the whole cut to be displayed in real time.
- **Measurements:** 3 distance as well as area of ellipse or circle are provided in color.
- **Setup Features:** All settings can be saved by the user. Factory defaults are also provided.
- **Power:** The internal battery provides 1.5hrs. of continuous scanning. Optional hot swappable external battery packs provide additional scan time of 2 hrs. each.
- **Dimensions:** Length 7.7" (19.5cm) Width 4.5" (11.4cm)
Height 2.7" (6.8cm)
- **Weight:** 38oz (1kg) including internal battery

Overview of Features

20/20S

**Next Generation
Ultrasound Scanner Using
PCScan™ Technology**



STANDARD ACCESSORIES

- Wide band mechanical Sector Probe
- Instruction Manual
- Carrying vest
- USB Memory stick
- Plastic storage case

OPTIONAL FEATURES

- Wide Range of Mechanical Wide Band Sector probes.
 - **3.5Mhz (2.8 / 3.5 / 4.6)**
 - **5.0Mhz (4.3 / 5.0 / 6.2)**
- Most probes have the "action button" to operate features without touching the system.
- USB bar code reader for animal ID.
- External 12V packs, have Hot plug in swap ability, for unlimited run time.

The 20/20 S provides an intuitive graphical User Interface, with a full color display, coupled with advanced PCScan™ Technology, for the best possible images.

Manufactured by
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