



DYNAMIC

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UNIQUE FEATURES HONDA HS-2100

DIGITAL FRONT END

The HS-2100 is equipped with a fully digital “front-end” with pixel focusing and automatic adaptation of the aperture, depending on the selected depth.

MULTI FREQUENCY TRANSDUCERS

The HS-2100 can be equipped with the new High density HONDA probes with 128 channels. This allows in combination with the unique *H-res* unprecedented image quality.

Several Multi frequency probes are available, thus allowing the use of the most optimal frequency for each specific examination. The frequency range goes from 2.8 to 12.5 MHz.

DOUBLE TRANSDUCER CONNECTION

A standard feature in the HS-2100. Transducer selection is simply done by means of a key on the keyboard. This is not only a more comfortable way to select a probe, but it also prevents wear and tear of connector contacts.

TRANSDUCER PRE-SETS

Every transducer can have its own pre-sets which will be determined by the user via the menu. Some of the possible adjustments are: Image Mode, Focus position, Amplification, Dynamic Range, *H-res*, etc...

As an addition every preset can be labeled with a meaningful name for extra user comfort.

LARGE 10,4 INCH MONITOR

The large, 10,4 inch, high definition color LCD display has a viewing angle of 170°, which under all circumstances allows for optimal image viewing. The contrast of the monitor is optimal for viewing of ultrasound images.

CINE LOOP

The HS-2100 has a Cine Loop memory. In this Cine Loop memory 256 images can be stored. The Cine Loop can be reviewed automatically, frame by frame, or in slow motion. A lot of possibilities to carefully study the clinical examination afterwards.

TCG

The Total echo-amplification is adjusted by means of a rotary control. The individual adjustment per penetration zone can be adjusted by 8 slider controls. This allows the user to always set the amplification for optimal image quality.

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FLASH MEMORY

The HS-2100 is equipped with a Flash memory in which up to 100 images can be stored. This allows the user to record clinical images outside the practice for later review or printing via a video printer. As an addition the HS-2100 has a USB port via which the images can be stored on USB stick for later review on any PC. Images stored on a USB stick can also be reviewed via the scanner.

PATIENTEN DATABASE

For the comfort of the user and to prevent failures, the HS-2100 has a patient data base. This allows the possibility to store patient data and recall them for the next examination, thus preventing the hassle to once again type in the patient details.

MEASURING PROGRAMS

The HS-2100 is equipped with a wealth of measuring possibilities. For OB/GYN several growth tables have been included.

FOETALE GROWTH GRAPHS

After the foetal measurement has been carried out, the graphs and the measuring details are shown on the screen, this gives an immediate impression of the foetal age. In case the graph is not desired, just switch it off via the menu.

BODY MARKS

A large number of body Marks can be selected for several medical applications. The HS-2100 even has the possibility to, where applicable, select either a left or right body mark, this is especially useful when examining e.g. a left and/or right shoulder.

DYNAMIC RANGE

The HS-2100 has a high Dynamic Range from 35 to 95 dB in 10 dB steps. A high dynamic Range allows for a softer and more detailed image.

TRANSMIT FOCUS

Maximum 4 focal zones can be selected at the same time, while the position and the separation of the focus zones can be adjusted. In the HS-2100 a large number of focal zones hardly effects the frame rate, unlike in other systems.

DYNAMISCHE FOCUS

Automatic receipt focus is standard in the HS-2100, this always combined with automatic aperture selection to get the best possible beam width all over the penetration depth.

VIDEO / VGA OUTPUT

In order to easily connect both a video printer and extra large video monitor the HS-2100 has two individual video output connectors. Also a standard PC monitor (VGA) can be connected.



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