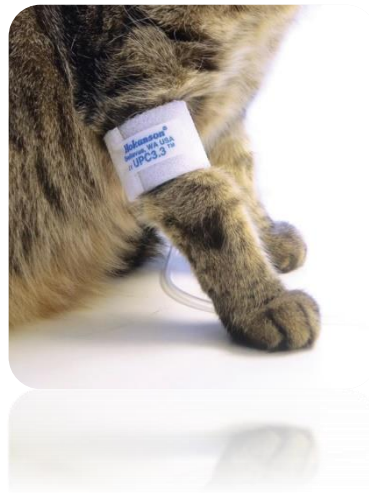


Ultrasonic Doppler

Accurate and Reliable NIBP Pressure Monitor for Small Animals



Ultrasonic Doppler

Reliable and accurate non-invasive blood pressure monitor for small animals

- Compact hand-held design
- High sensitivity for a clear signal
- Adjustable sound volume and headphone connection jack
- Focused 8 MHz Probe with wide beam for better flow detection in the artery
- Probe adapted for positioning on the carpal joint or the underside of the tail
- Rechargeable batteries
- Ultrasonic frequency: 8 MHz
- Operating time: 6 hours
- Dimensions (in cm): L 17.5 x W 8 x H 2.5
- Weight: 300 g

Ultrasonic Doppler

To Use:

First, shave the area where the probe is going to be positioned

Liberal apply gel to the probe site – place the probe and listen to ensure there is a good signal

When you have a clear Doppler signal - fix the probe to the skin with an adhesive plaster

Inflate the cuff with the sphygmomanometer to block the artery until you hear no sound

Now deflate the cuff slowly, when you hear the sound signal again, it corresponds to the systolic pressure – note the pressure on the sphygmomanometer when this is detected

The diastolic pressure corresponds to a change of the Doppler's tonality described to be similar to a helicopter beat, keep deflating until you hear this noise - the detection of this requires experience, a good output and good operating conditions

To validate the results, it is best to measure the pressure 3 to 5 times

Technical features:

Ultrasonic frequency: 8 MHz

Audio output: 200mW

Frequency response: 300Hz - 6kHz

Operating time: 6 hours

Dimensions: L:17.5 x W:8 x H:2.5 cm

Weight incl. battery: 300 g

Headset acoustic output: mini jack

