

# BP DOPPLER

**For an accurate blood pressure measurement**

The Doppler Vet BP is especially designed for a reliable and accurate blood pressure measurement on small animals, also on cats.



## Features:

- 8 MHz probe with a large beam for a better flow detection
- High sensibility for a clear signal
- Probe adapted for positioning on the animals tail or paw
- Adjustable sound volume
- Compact dimensions
- Easy to clean
- Battery powered
- Easy handling

## The Doppler set includes:

- 1 Doppler
- 1 transversal linear probe 8 MHz
- 1 battery charger
- 1 sphygmomanometer
- 4 cuffs in different sizes
- 1 headset
- 1 tube for gel

### About blood pressure measurement in the veterinary medicine:

The symptoms of arterial hypertension are very feeble by animals at the beginning of the disease. In many cases, the diagnostic comes too late. Especially old animals and particularly cats are affected by hypertension but there are also a lot of indications on dogs.

A periodic check should be done by each old animal: blood analyse (detection of a kidney insufficiency) and a blood pressure measurement to detect hypertension. According current studies, up to 30% of the cats who suffer from chronic kidney insufficiency have systemic hypertension. Cerebral, ocular and severe renal troubles... can be the consequences of arterial hypertension.

It is also useful to screen blood pressure before ore during an infusion: the arterial pressure can be a suggestive indicator of the animal's condition before an infusion. The veterinarian can adjust the infusion according to the results.

### Monitoring with the Doppler:

The Doppler allows the flow detection in the arteria. The probe can be fixed on the animal paw or tail during an anaesthesia or during intensive care. the veterinarian will hear a sound signal reflecting heart rate and pulse.



### Technical features:

Ultrasonic frequency:	8 MHz
Audio output:	200mW
Frequency response:	300Hz - 6kHz
Battery:	3 x 1.2V, 800mAh
Operating time:	+/- 6 hours
Charging time:	15 hours
Dimensions:	175 x 80 x 25mm
Weight incl. battery:	300 g
Headset acoustic output:	mini jack