

CONTEC Contec08A Vet

CONTEC08A Vet Veterinary Blood Pressure Monitor User Manual

Model: CONTEC08A Vet

1. PRODUCT OVERVIEW

The CONTEC08A Vet is a veterinary blood pressure monitor designed for accurate measurement in animals. It features a high-definition color LCD display for clear visibility and a one-touch operation for ease of use. The device utilizes an oscillometric multistep deflation method for reliable readings and includes data storage capabilities.

Key Features:

- High-definition color LCD display for strong visibility.
- Data storage function, capable of storing up to 100 groups of measured data for review.
- One-touch operation for automatic blood pressure measurement.
- Oscillometric multistep deflation measurement method ensures good repeatability.
- Automatic error message display if measurement errors occur.
- Short-term power storage function to maintain clock time during battery replacement.
- Three cuff modes (large, medium, small) to accommodate various animal body types.

Package Contents:

- Main unit (CONTEC08A Vet Blood Pressure Monitor)
- Small Cuff (6-11 cm)
- Medium Cuff (10-19 cm)
- Large Cuff (18-26 cm)
- User Manual



Three cuff mode



Large Color LCD display



100 groups of storage capacity



Software analysis



One Push Button



Display of low battery



Image: The CONTEC08A Vet main unit, displaying its color LCD screen and control buttons. Icons around the unit highlight key features such as three cuff modes, large color LCD display, 100 groups of storage capacity, software analysis, one-push button operation, and low battery display.

2. SETUP

2.1 Battery Installation

1. Open the battery compartment cover on the back of the main unit.
2. Insert the required batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

2.2 Cuff Selection and Connection

Select the appropriate cuff size based on the animal's limb circumference. The package includes small (6-11 cm), medium (10-19 cm), and large (18-26 cm) cuffs. Ensure the air plug of the selected cuff is securely inserted into the main unit's port.

HOW TO TEST BLOOD PRESSURE FOR PETS

It is recommended that you bind the cuff to the forelimbs when the pet patient is lying to the right or left. This treatment can help to make sure that the cuff is at the same level as the animal's heart, which is most beneficial for obtaining accurate blood pressure values, in addition, in the process of measuring blood pressure, when the cuff squeezes the forelimb, the animal is less likely to retract the forelimb. The owner or veterinarian needs help keeping the forelimb straight.

Alternative positioning of the Animal:

If the animal is sitting in a comfortable posture, position the cuff according to the above method. During the measurement, the forelimb can be held. The purpose of this treatment is to make the forelimbs and the heart at the same level, and to relax the animal's muscles. If the animal is agitated, it is likely to bite or scratch, or stand up, in this case, the base of the tail can be used as an alternative location for blood pressure measurement.

Image: A small blood pressure cuff, labeled for 6-11 cm circumference, suitable for smaller animals like cats. It features a cat icon and a warning about using the special cuff to avoid measurement error.

ENSURE THAT IT IS IN A TEMPERATE ROOM, TO GET ACCURATE AND RELIABLE DATA.

9.2 Applying the Cuff

The cuff can be wrapped to any limb of the animal, and the base of the tail can also be wrapped if necessary. Please take the measurement in a room with an appropriate environment (see Chapter 18). Carry out the operation in a room with comfortable temperature.

Wear the cuff accurately following these steps:

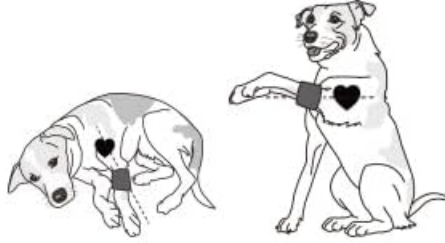
- ① Make sure the air plug is securely inserted in the main unit.



- ② Wrap the cuff to the animal's leg, and ensure that the cuff is at the same level as its heart. To ensure the same level and the measurement accuracy, the wrapping method of the cuff can be flexibly adjusted according to the animal's posture. The specific methods are as follows:

When the animal is in a supine position, the cuff should be wrapped to the sturdy part of its upper limb, and the position of the cuff can be adjusted to ensure that the cuff is almost at the same level as its heart in the vertical direction.

When the animal is in a squatting position, the cuff should be wrapped to the sturdy part of its forelimb, then lift the forelimb until the height of the cuff is almost the same as its heart. During this process, keep the animal comfortable and prevent it from motion due to nervousness or fear, resulting in measurement failure.



Note

- Confirm that the cuff is not inflated before wrapping it.
- Select an appropriate cuff for the animal based on the circumference of its limb.
- Do not wrap the cuff too tightly around the limb, otherwise it may cause discoloration or

Image: A medium blood pressure cuff, labeled for 10-19 cm circumference, suitable for medium-sized animals like dogs. It features a dog icon and a warning about using the special cuff to avoid measurement error.

MIDDLE

IGN0072

**10 to 19 cm
(3.9 to 7.5 in)**



LATEX



CE

**Caution: Please use the special cuff
to avoid measurement error.**

Image: A large blood pressure cuff, labeled for 18-26 cm circumference, suitable for larger animals. It features an elephant icon and

a warning about using the special cuff to avoid measurement error.

2.3 Initial Device Settings

Upon first use or after battery replacement, you may need to set the date and time. Refer to the on-screen prompts or the detailed instructions in the included user manual for navigation through the setup menu.

3. OPERATING INSTRUCTIONS

3.1 Preparing for Measurement

For accurate readings, ensure the animal is calm and relaxed. Measure blood pressure in a quiet room with an appropriate environment. Multiple measurements can increase accuracy.

3.2 Applying the Cuff

The cuff can be applied to any limb of the animal, or the base of the tail. The most beneficial position for accurate blood pressure values is when the cuff is at the same level as the animal's heart.

1. **Forelimb Application:** If the animal is lying on its right or left side, bind the cuff to a forelimb. This helps ensure the cuff is at heart level and the animal is less likely to retract the limb. Keep the forelimb straight.
2. **Alternative Positioning (Sitting):** If the animal is sitting in a comfortable posture, position the cuff on a forelimb, holding it to keep it at heart level and relax the animal's muscles.
3. **Tail Application:** If the animal is agitated or prone to biting/scratching, the base of the tail can be used as an alternative measurement location.



Image: Diagrams illustrating correct cuff placement on a dog's foreleg and tail for blood pressure measurement. The foreleg cuff is shown positioned above the elbow, and the tail cuff is near the base of the tail.

3.3 Performing a Measurement

1. Ensure the cuff is not inflated before wrapping it.
2. Wrap the selected cuff snugly around the animal's limb or tail, ensuring it is not too tight to avoid discoloration or injury.
3. Press the 'START/STOP' button on the main unit. The device will automatically inflate the cuff and begin the measurement process.
4. Remain still and keep the animal calm during the measurement. Excessive movement can lead to inaccurate readings or measurement failure.
5. Once the measurement is complete, the blood pressure readings (Systolic, Diastolic, MAP) and pulse rate will be displayed on the LCD screen.

3.4 Reviewing Stored Data

The device can store up to 100 groups of data. Use the 'LIST' or navigation buttons (UP/DOWN) on the main unit to scroll through and review past measurements.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and operation of the CONTEC08A Vet Veterinary Blood Pressure Monitor. This video highlights the unique animal cuffs and the device's functionality.

4. MAINTENANCE

4.1 Cleaning the Device

Wipe the main unit and cuffs with a soft, dry cloth. For disinfection, a slightly damp cloth with a mild disinfectant can be used, ensuring no liquid enters the device openings. Do not use abrasive cleaners or immerse the unit in water.

4.2 Screen Protection

A protective film is applied to the screen during manufacturing to prevent scratches during transport. This film can be carefully removed if desired.

4.3 Battery Replacement

Replace batteries when the low battery indicator appears on the display. The device has a short-term power storage function to retain time settings during battery changes.

5. TROUBLESHOOTING

5.1 Inaccurate or Inconsistent Readings

- **Animal Movement:** Ensure the animal remains as still and calm as possible during measurement. Even small movements can significantly affect accuracy.
- **Cuff Placement:** Verify the cuff is correctly positioned at heart level and wrapped snugly, but not overly tight. Experiment with different limbs (foreleg, hind leg, tail) if one location consistently yields poor results.
- **Cuff Size:** Confirm the correct cuff size is being used for the animal's limb circumference. An incorrect size can lead to skewed readings.
- **Multiple Measurements:** Take several readings (e.g., 3-5) with 1-2 minutes between each, and average the last few consistent results to improve reliability.
- **Environmental Factors:** Ensure the measurement environment is quiet and free from distractions that might stress the animal.

5.2 Device Displays Error Message

If the device displays an error message, it indicates a measurement issue. Common causes include excessive animal movement, improper cuff placement, or a loose cuff connection. Re-evaluate the setup and attempt the measurement again.

5.3 Device Not Powering On

- Check that batteries are correctly inserted with the proper polarity.
- Replace old batteries with new ones.

6. SPECIFICATIONS

Feature	Specification
Model Name	Contec08A Vet
Display Type	High-definition Color LCD
Measurement Method	Oscillometric multistep deflation

Feature	Specification
Cuff Sizes Included	6-11 cm, 10-19 cm, 18-26 cm
Data Storage Capacity	Up to 100 groups
Power Source	Battery Powered
Main Unit Dimensions (approx.)	9.6 cm (W) x 11.8 cm (H) x 7.6 cm (D)
Weight (approx.)	1.32 Pounds (packaged)



Image: The CONTEC08A Vet main unit shown with its approximate dimensions: 9.6 cm width, 11.8 cm height, and 7.6 cm depth.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This product comes with a one-year warranty. If you encounter any quality problems within one year of purchase, please contact the manufacturer or seller for support.

7.2 Contact Information

For technical support, warranty claims, or any product-related inquiries, please refer to the contact details provided in the original product packaging or on the CONTEC official website.