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Draminski B07HPCJCYB

DRAMINSKI Pregnancy Detector for Dogs - Instruction Manual

Model: B07HPCJCYB

1. INTRODUCTION

The DRAMINSKI Pregnancy Detector for dogs is an advanced device designed to assist dog breeders in accurately determining pregnancy. This ultrasound pregnancy tester offers ease of operation, straightforward maintenance, and delivers rapid results with high precision, making it an essential tool for both professional and individual breeding practices.

The device operates on the principle of ultrasonic wave reflection. It detects pregnancy by identifying the presence of amniotic fluid within the uterus. When the probe is applied to the animal's skin, it emits an ultrasound beam. If the uterine horn contains fluid, the beam reflects back to the probe, causing a detectable change in the signal generated by the device.

Key Benefits:

- **High Effectiveness:** Provides very high effectiveness in pregnancy diagnosis.
- **Adjustable Gain:** Features easy regulation of the gain parameter, allowing adjustment based on the size of the animal being examined.
- **Early Diagnosis:** Facilitates early detection of pregnancy, enabling appropriate care for pregnant bitches.
- **Efficient Management:** Aids in the fast organization of animal groups, helping to reduce potential financial losses.
- **Informed Decisions:** The efficiency of early diagnosis supports making timely and informed decisions in breeding management.

2. PACKAGE CONTENTS AND SETUP

Package Contents:

Upon opening the transport case, verify that all components are present:

- DRAMINSKI PDD ultrasound pregnancy detector unit
- 2xBNC connecting cable
- Ultrasonic probe
- Bottle of liquid paraffin
- 1 x 9V 6LF-22 type alkaline battery (included)
- Transport case with foam insert
- Instruction manual (this document)



Figure 2.1: The DRAMINSKI Pregnancy Detector and its accessories neatly arranged within the protective transport case.

Initial Setup:

- Battery Installation:** Open the battery compartment on the detector unit and insert the provided 9V 6LF-22 alkaline battery, ensuring correct polarity.
- Connect Probe:** Attach the ultrasonic probe to the detector unit using the 2xBNC connecting cable. Ensure both connections are secure.
- Prepare Probe:** Before each use, apply a small amount of the liquid paraffin from the provided bottle to the tip of the ultrasonic probe. This ensures proper acoustic coupling with the animal's skin.



Figure 2.2: The main detector unit with the probe connected, ready for operation.

3. OPERATING INSTRUCTIONS

Performing a Pregnancy Test:

- Power On:** Press the "ON OFF" button on the detector unit to power on the device. Observe the indicator lights for proper function.
- Adjust Gain:** Use the "GAIN" knob to adjust the sensitivity of the detector. This parameter should be regulated based on the size of the animal being examined to optimize signal reception.
- Apply Probe:** With liquid paraffin applied to the probe tip, gently press the probe against the animal's skin in the area where the uterine horns are expected to be located. Ensure good contact.
- Observe Signal:** The device will indicate a change in signal if amniotic fluid is detected, signifying a potential pregnancy. Refer to the device's specific indicators (e.g., LED lights, audible tones) for confirmation.
- Optimal Timing:** For the most accurate diagnosis, perform the examination at an optimum time in the animal's gestation period. Consult veterinary guidelines for specific timing recommendations for dogs.
- Repeat Testing:** To enhance the reliability of the diagnosis, it is recommended to repeat the test for several consecutive days. This helps confirm results and account for variations in early pregnancy.



Figure 3.1: Detailed view of the detector's control panel, highlighting the gain adjustment and power controls.



Figure 3.2: The ultrasonic probe, which is applied to the animal's skin for detection.

4. MAINTENANCE

The DRAMINSKI Pregnancy Detector is designed for easy maintenance to ensure its longevity and accurate performance.

- Cleaning the Probe:** After each use, gently wipe any residual liquid paraffin from the ultrasonic probe using a soft, clean cloth. Ensure the probe tip is free of debris.
- Unit Cleaning:** Clean the main detector unit with a dry or slightly damp cloth. Avoid using abrasive cleaners or submerging

the unit in water.

- **Battery Replacement:** When the "LO BAT" indicator illuminates, replace the 9V battery promptly to ensure consistent performance.
- **Storage:** Store the detector and its components in the provided transport case when not in use. This protects the device from dust, moisture, and physical damage.



Figure 4.1: The transport case provides secure storage for the detector and its accessories.

5. TROUBLESHOOTING

If you encounter issues with the DRAMINSKI Pregnancy Detector, consider the following common troubleshooting steps:

- **No Signal/Inconsistent Readings:**

- Ensure the probe is securely connected to the main unit.
- Verify that sufficient liquid paraffin has been applied to the probe tip to ensure good acoustic coupling with the skin.
- Adjust the "GAIN" knob. If the gain is too low, the device may not pick up faint signals; if too high, it might pick up extraneous noise.
- Confirm the battery is not low. Replace the 9V battery if the "LO BAT" indicator is on or if the device powers off unexpectedly.
- Ensure the examination is performed at the optimal time in the gestation period. Early or very late stages of pregnancy might yield less clear results.

- **False Positives/Negatives:**

- The accuracy of the test relies on the presence of amniotic fluid. Ensure proper technique and probe placement.
- Repeat the test over several consecutive days. This is crucial for confirming results and reducing the chance of misdiagnosis, especially in early pregnancy.
- Consider the animal's physiological state. Other conditions might mimic the presence of fluid. If in doubt, consult a veterinarian.

- **Device Not Powering On:**

- Check the 9V battery. Ensure it is correctly inserted and has sufficient charge.
- Press the "ON OFF" button firmly.

For issues not resolved by these steps, please refer to the warranty and support section.

6. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand Name	Draminski
Model Number (ASIN)	B07HPCJCYB
Item Weight	3.04 pounds (approx. 1.38 kg)
Package Dimensions (L x W x H)	14.17 x 12.4 x 4.06 inches (approx. 36 x 31.5 x 10.3 cm)
Batteries	1 x 9V 6LF-22 type alkaline battery (included)
Manufacturer	Draminski
Date First Available	September 26, 2018
Number of Items	1 (complete kit)

7. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, technical support, and service, please refer to the official documentation provided by Draminski or visit their official website. Contact information for customer support is typically found in the original packaging or on the manufacturer's website.

It is recommended to register your product, if applicable, to ensure you receive updates and support from the manufacturer.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - B07HPCJCYB

	<p>DRAMINSKI Mastitis Detector Operation Manual: Models 1QMast, 4Q Mast, 4x4Q Mast</p> <p>This operation manual provides detailed instructions for using the DRAMINSKI Mastitis Detector models 1QMast, 4Q Mast, and 4x4Q Mast. It covers subclinical mastitis detection, device construction, operation procedures, measurement interpretation, technical specifications, and maintenance for dairy farmers.</p>
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