



**VET** Therapy

# Stance Analyzer



[www.petsafevet.com](http://www.petsafevet.com)



## IMPORTANT SAFETY INFORMATION

### EXPLANATION OF ATTENTION WORDS AND SYMBOLS USED IN THIS GUIDE



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### **WARNING**

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

#### **CAUTION**

CAUTION, used without the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in harm to your pet.

#### **NOTICE**

NOTICE is used to address safe use practices not related to personal injury.

---

#### **WARNING**

Do not plug the Stance Analyzer into the same electrical outlet as the computer it will be connected to. Do not place a pet on the Stance Analyzer without the pad in place. Toe and toe nails may become stuck in the seam or edge of the Stance Analyzer.

#### **CAUTION**

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

#### **NOTICE**

The RECEIVER SHOULD BE PLACED IN A SAFE PROTECTED AREA, where it will not be dropped or fall.  
Do not immerse any part of the unit in water. Do not pour water directly on any part of the unit.

Thank you for choosing the PetSafe Vet Therapy Stance Analyzer. The Stance Analyzer is designed to help veterinarians and vet professionals accurately measure standing lameness and assess treatment effectiveness. Software updates for this product and support are available at [www.petsafevet.com](http://www.petsafevet.com).

# Stance Analyzer

## HOW IT WORKS

The Stance Analyzer works when a pet is placed on the device, with one leg in each quadrant of the unit. The unit then quickly measures the pet's percentage of weight distribution in each leg, center of gravity and stability. A snap shot of the pet's stance is taken through a remote control or directly through the Stance Analyzer software. The Stance Analyzer provide veterinarians with data to diagnose standing lameness and track treatment effectiveness overtime. The software allows printing of the graphs to share with pet owner's to further demonstrate the patient's progress. The Stance Analyzer is effective for pet's weight X lbs up to XXX lbs.



## COMPONENTS

1. Stance Analyzer
2. Software CD
3. Stance Analyzer Remote
4. Power cord
5. USB receiver connector cord
6. Stance Analyzer base pad

## REQUIREMENTS

*PC* — XP or above for software

*Screen Resolution* — At least 1024x768 for optimum performance

*Internet Connection* (Recommended)

## DISPLAY DEFINITIONS

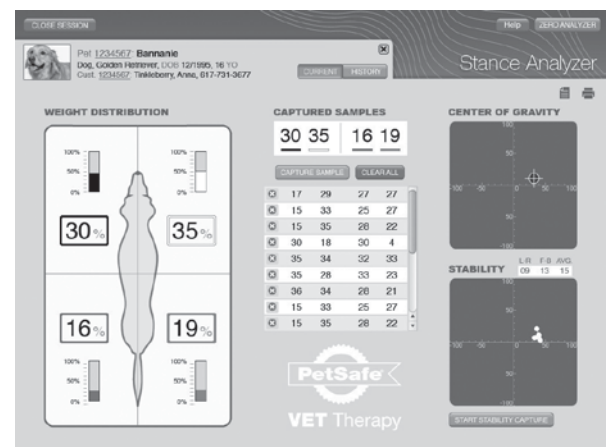
**Weight Distribution** – This graph at the top left graph on your screen displays the percentage of weight each of the patient's limbs is bearing (Left Front, Right Front, Left Rear, Right Rear). This is a snap shot view based on the most recent sample.

**Center of Gravity Chart** – This graph, located on the upper right portion of the screen, displays your patient's Center of Gravity. This snap-shot reading is based on the most recent sample.

**Stability Graph** – The Stability Graph, on the bottom right of the Center of Gravity Chart, shows data collected over time. This graph reports the change in stability of your patient as collected in your most recent Stability Test.

**Captured Samples** – The Captured Samples Chart, on the right of the Weight Distribution Chart, shows samples collected. The most recent samples are displayed. Scroll down to view older samples.

**Weight Distribution History Tab** – This tab, graphs the patient's Weight Distribution over time (visit-to-visit), which shows your patient's progress. To the right of the history is a graphical representation on the current average for comparison.





## SETTING UP THE STANCE ANALYZER

Choose a level location for the Stance Analyzer. It should be within 5-6 feet of a computer.

Plug the Stance Analyzer into a standard wall outlet. Ensure the base pad is on the unit, with the PetSafe logo at the top of the unit. The pad is water resistant and can be cleaned with a damp cloth and every day standard cleaning supplies.



**WARNING** Do not plug the Stance Analyzer into the same electrical outlet as the computer it will be connected to. Do not place a pet on the Stance Analyzer without the pad in place. Toe and toe nails may become stuck in the seam or edge of the Stance Analyzer.

**NOTICE** Do not immerse any part of the unit in water. Do not pour water directly on any part of the unit.

## LOADING THE STANCE ANALYZER SOFTWARE

*Important:* Do not connect the Stance Analyzer to your computer until after the software has loaded.

1. Insert the PetSafe Stance Analyzer Start-Up CD into your computer device.
2. The Installation Wizard will walk you through the installation process. This window will open automatically. If your CD does not run automatically, open My Computer and run the Set-Up file.
3. Attach the USB connector found on the Stance Analyzer to your computer. The USB connected is attached to the Receiver Connector.

**NOTICE** The RECEIVER SHOULD BE PLACED IN A SAFE PROTECTED AREA, where it will not be dropped or fall.

4. Depending on the prior configuration of the computer, the computer will likely prompt you for driver software for the USB device. Choose the selection indicating Windows should choose the best option. This will occur twice (requires two drivers).
5. After the driver software installs, open the PetSafe Stance Analyzer Software. Click on the PetSafe Stance Analyzer Icon on your Desktop.
6. The Stance Analyzer is now ready.

## REMOTE CONTROL

A remote control is provided for the Stance Analyzer. This captures stance data for a patient without having to the step away from the patient. It will be a more accurate and quick data capture. The remote control may need to be paired with the Stance Analyzer.

# Stance Analyzer

## REMOTE PAIRING PROCEDURE

1. Hold programming button (in the electronics Box) for ~ 1 second.
2. **Green** light will flash.
3. Press either remote button twice (separated by ~ 1 second).
4. When accepted, the **Green** light will flash rapidly for ~ 2 seconds.
5. If no codes are recognized within 10 seconds, the **Green** light will stop flashing and no changes will occur.

---

## REPLACING THE REMOTE BATTERY

If the remote control does not activate the Stance Analyzer to capture data, repair the remote and check the battery.

1. Unscrew the back of the remote control using a Phillips head screw driver.
2. The remote uses a CR 2032 battery. Replace the battery. Replace the back of the remote and tighten the screws.

---

## CONDUCTING A STANCE ANALYSIS

1. When starting to conduct a stance analysis, open the Stance Analyzer program. Then click the “Open Session” button at the top left of the screen. Either select the existing patient or click “create new” to create a new account.

***If creating a new patient file:***

- A. Enter the patient owner’s first and last name, mobile number, e-mail address, street address, city, state, and zip code.
- B. Once you have entered the patient’s owner, choose or find the owner’s name on the list and select “edit” and enter the name of the patient.
- C. Choose cat or dog.
- D. Select the pets breed from the list. If the breed is unknown or mixed, select “other.”
- E. Enter the date of birth for the patient.
- F. A photo of the patient can also be loaded to the file. The image resizes to fit the profile space.

*Note:* Multiple pets can be added to one owner.

***If you are collecting additional data on an existing patient:***

- A. Search for patient using a data field, such as name or e-mail address.
  - B. Select the record, and click “Open.”
2. Calibrate the Stance Analyzer. To do this, remove all weight from the analyzer and press the “Zero Analyzer” button found at the upper right corner of the screen. This button may turn red while calibrating and will turn green after calibration is complete.

***Important:*** IT IS HIGHLY RECOMMENDED THAT THE “Zero Pads” FUNCTION IS PERFORMED PRIOR TO EACH PATIENT SESSION.



3. Place the patient on the Stance Analyzer. The patient should be facing towards the PetSafe logo on the base pad. The patient must have one leg in each quadrant and be as still as possible.

*Note:* A treat holding arm and clip have been developed as an accessory to the Stance Analyzer. A PetSafe Lickety Stik is helpful in keeping patients still. To use one, place the Lickety Stik in the Accessory Clip and place in front of the Stance Analyzer. Adjust the arm so that the Lickety Stik is positioned directly in front of the patient's mouth.

*Important:* When using a treat to keep the patient in place, the patient should not have to tilt his or her head back or lean down to use the Lickety Stik. This will skew the stance analysis.



4. Watch the patient on the Stance Analyzer. When the stance is representative of the patient's stance, hit the "Capture Sample" button on the display screen, or hit Button 1 on the remote to take a sample. Repeat this process as many times as you desire. All samples will be stored and displayed on screen. Each sample is a single data capture. Consider taking 6-10 samples per session to get the most valid data from the patient.
5. The Stance Analyzer System will provide an average of the samples taken and display the results for Weight Distribution, Captured Samples, Center of Gravity and Weight Distribution History Graphs. For a full explanation of these graphs, see Display Definitions.
6. If the patient moves suddenly, lies down, or the sample seems skewed, it is necessary to delete the sample. Click on the red 'x' next to the invalid data.

## STABILITY TEST

1. To complete a stability test for the patient, confirm the patient is positioned correctly on the Stance Analyzer.
2. To start the test, click the "Start Stability Capture" button under the Stability Graph on the screen or press "Button 2" on the remote control.
3. Once the system has collected the data, click the "Stop Stability Capture" or "Button 2" again.
4. Results of the Stability Test will be displayed on the Stability Graph.

## SAVING PATIENT DATA

1. To save the patient's data, click the "Close Session" button at the top of the screen. The system will ask "Are you sure you want to the session?" click "Yes". The system will ask "Do you want to save the data?" click "Yes". The system will store the average of the data and the date of collection for each patient.
2. To print a copy for a record or for the patient's owner, click "Print."



# Stance Analyzer

## REVIEWING THE DATA

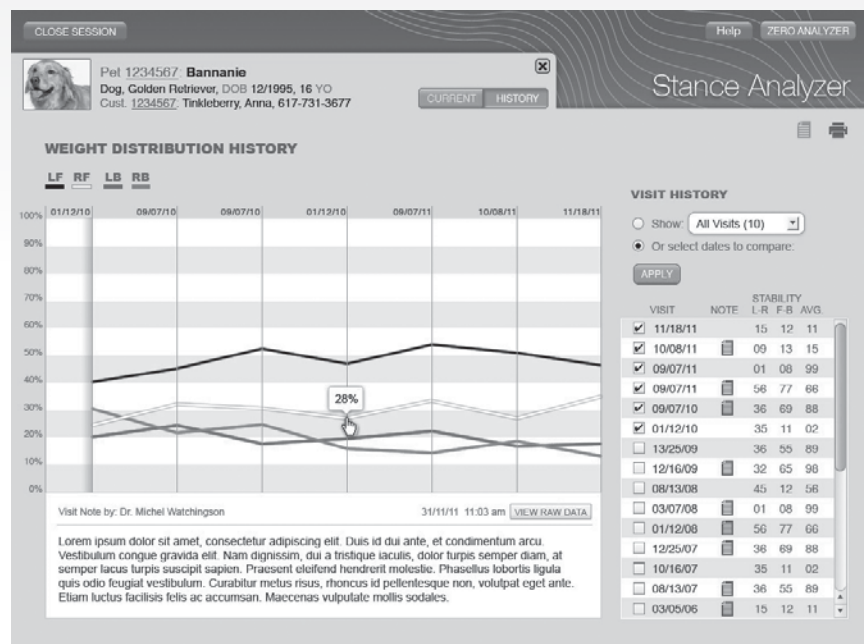
Within the charts, each line represents one of the patient's leg.

PATIENT'S LEG	LINE COLOR	SYMBOL
Front Left	Black	
Front Right	White	
Back Left	Red	
Back Right	Green	

Select "Show all history" to see the patient's complete record, or select and compare data from specific dates.

In a healthy patient, the front leg lines will overlap and the rear leg lines will overlap on the chart. When the patient is suffering from lameness the lines will not overlap. However, when a treatment method for lameness is showing progress in a patient, each of the front leg lines will begin to converge and each of the back leg lines will converge overtime.

A "Notes" section is also provided to document patient notes, treatment, observations of the patient within the file. The notes are attached the each day's session.



## HELP

Click the "Help" Button at the top of the screen for additional product support.



## WARRANTY

Radio Systems Corporation® (“Company”) warrants that the Stance Analyzer (“Product”) is free of defects in material and workmanship. This warranty shall remain in effect for one year (12 months) from the date of original consumer purchase. If this Product fails to function during the one year warranty period due to a defect in material or workmanship, Company or the selling dealer will repair or replace this Product without charge within a period of thirty (30) days from the date on which the Product is returned to the Company or the dealer. All repairs to the Product must be performed by a service center certified by the Company. Any modifications or repairs performed by unauthorized centers or groups will void this warranty.

***This Warranty Does Not Cover:***

ANY MALFUNCTION OR FAILURE IN THE PRODUCT CAUSED BY PRODUCT MISUSE, INCLUDING, BUT NOT LIMITED TO, DROPPING THE UNIT, RECEIVER, OR REMOTE AND FAILURE TO PROVIDE REASONABLE AND NECESSARY MAINTENANCE OR ANY USE THAT IS INCONSISTENT WITH THE PRODUCT USER MANUAL.

Replacement parts or labor furnished by anyone other than the Company, the selling dealer or a certified Company service technician.

Defects or damage caused by labor furnished by someone other than the Company, the selling dealer or a certified Company service technician.

COMPANY SHALL NOT BE LIABLE IN ANY EVENT FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. To Obtain Service From Company or the selling dealer under this warranty:

1. A written claim must be made within the warranty period to the Company or the selling dealer. Written claims made to the Company should be sent to:

Telephone: xxx-xxx-xxxx

Fax: xxx-xxx-xxxx

2. The Product must be returned to the Company or the selling dealer by the owner.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state or location to location.

The Company does not authorize any person or representative to create for it any other obligation or liability in connection with the sale of the Product. Any representation or agreement not contained in the warranty shall be void and of no effect.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



# Stance Analyzer

## FCC - USA

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **CAUTION**

Modification or changes to this equipment not expressly approved by Radio Systems® Corporation may void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a specific installation. If interference does occur to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult customer care, the dealer, or an experienced radio/TV technician for help.

## IC - CANADA

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



**VET** Therapy

# Stance Analyzer

Radio Systems® Corporation  
10427 PetSafe Way  
Knoxville, TN 37932  
[www.petsafevet.com](http://www.petsafevet.com)  
Protected by US Patents #####  
© 2012 Radio Systems Corporation

Manual Part Number: 4XX-XXXX