



Fairbanks Vet Scale

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Disclaimer

Every effort has been made to provide complete and accurate information in this manual. However, although this manual may include a specifically identified warranty notice for the product, the manufacturer makes no representations or warranties with respect to the contents of this manual, and reserves the right to make changes to this manual without notice when and as improvements are made.

Section 1: Introduction & Description

The Fairbanks Vet Scale is made specifically for the Veterinarian or Animal Research industry. It has a capacity of 350 lbs. and measures 22" W x 44" L x 2.38 "H. The electronics is encased in a POD inside the platform for protection. The unit is powered by a 12 VDC adapter-transformer and the display is remotely mounted for ease of viewing. Finally, the assembly has a stainless steel platform cover.

Accessories:

An additional Remote Display with a 50' cable may be ordered from Fairbanks Scales.

Section 2: Set Up

The scale platform is shipped completely assembled. The remote display and the power adapter must be plugged in to complete the set up.

- Remove the scale and display(s) from the shipping carton(s)
- Set the scale base *GENTLY* on 1 end, or on a table top, secured, so that the receptacles are accessible. Use a phillips screwdriver & remove 1 of the cable clips on the underside of the platform. Run the display cable through the clip, plug into either display receptacle and reinstall the clip and tighten. Plug the 12 VDC Adapter into the scale base.



- Set the scale base on a flat solid surface, with the connector receptacles (inset) on the side within reach of 117VAC power. **Do NOT drop the scale base.**
- Level the scale base using the threaded feet so it does not 'rock' back and forth
- Mount the Remote Display in a convenient location, within cord length of the connectors on the base, using 2 screws or 'hook & loop' strips (readily available at most retail stores).
- Protect all cords by keeping them along a wall or routed where foot traffic is limited.

Note: *The use of "safety cord covers" is strongly encouraged to reduce any trip hazards.*

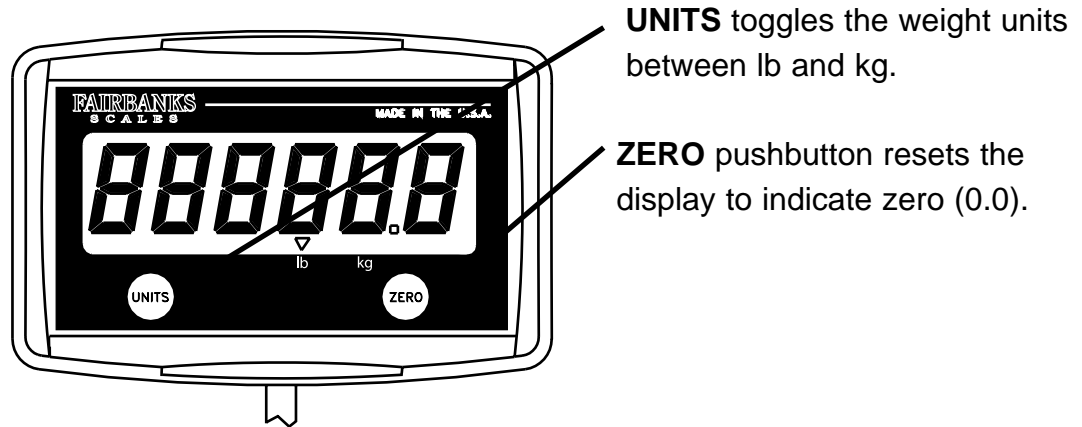
- Plug the transformer into a 117 VAC outlet. After a brief warm-up, the display(s) will show "0.0" or " _ _ _ _ " , press the ZERO key
- The scale is ready to weigh.



Section 3: Operation

A. Operating Controls

Both controls are located on the displays.



UNITS toggles the weight units between lb and kg.

ZERO pushbutton resets the display to indicate zero (0.0).

The function of ZERO will be inhibited if any of the following conditions are present:

- a. Motion on the platform
- b. Underload condition
- c. Overload condition

B. Power On

When the unit is powered, the display will perform a test by counting 1 to 9 then show either "0.0", or "_____". Press **ZERO** to zero scale and prepare for use.

C. Basic Weighing/Operation

1. With the scale powered, press **ZERO** to set the display to zero (0.0)
2. Place the item to be weighed, centered on the platform
3. Read the weight on the scale display

Note: 1. A blank display while weighing means excess motion has been detected and the filtering is active. When the motion decreases, the display will update with the proper weight.

2. Your scale will be programmed for a "Hold" feature. With an active animal this feature will sample the weight until there is a valid weight, then "Hold" it steady. Adding more weight to a "Hold" weight condition will NOT change the display.

Remove all weight to reset and/or to weigh!



Weighing an animal without a cage:

- Place the animal on the scale and read / record the weight

Weighing an animal with a cage:

- Place the empty cage or a same sized and type cage, on the scale platform and press *ZERO*
- The weight display will indicate "0.0" with the empty cage on the platform
- Place the cage with the animal in it on the scale platform and read / record the weight

Note: *When the cage is removed, the display will show a negative (-) weight. To continue weighing with the same sized cage, do NOT press ZERO. To reset and read other weights directly or with a different cage; remove the cage from the scale platform and press the ZERO key.*

D. Customer/Operator Service

This section describes maintenance procedures that may be easily performed by the operator. No other adjustments or repairs are to be performed by other than Fairbanks Scales Technicians.

1. Cleaning: Wipe the scale and display off with a dampened cloth. Use mild cleaners or soapy water. Do not spray cleaners onto scale or washdown with water or allow water or liquids to drip onto scale.

2. Operator Instrument Prompts:

<u>Prompt</u>	<u>Description</u>
"HiLoAd"	The weight on the scale exceeds scale capacity 350lbs, remove excess
"LoLdX"	The scale is underload or less than "0" counts, check sides of scale
"HiLdX"	Load is exceeding the corner (shown as x) limitations. Reposition load so weight is centered on platform



E. Troubleshooting

In the event the scale does not function properly, please check the following.

<u>Symptom or Error</u>	<u>Possible problem/remedy</u>
No Display	Power OFF, display unplugged, Transformer unplugged (either end), cables damaged Check phone-type plugs and cables of display(s)
Incorrect Weight	Check that nothing is interfering with the scale platform underneath or the sides Ensure correct UNITS are displayed Check display cable(s) for damage
Display Segment(s) missing or unreadable	Check cables for damage Check connectors on display plugs Disconnect display and plug into the other receptacle Recycle power to reset the program
ZERO key does NOT reset zero	Motion on scale, remove source of motion Ensure platform is level and not 'rocking' Weight on platform may exceed zeroing limit Recycle power to reset the program
Display 'Locked' or Inoperative	Recycle power to reset the program.
Display Indicates "HiLoAd"	Weight on platform exceeds 350 lbs, remove excess load
Display Indicates "HiLdX"	Load is exceeding the corner (shown as x) limitations Reposition load so weight is centered on platform
Display Indicates "LoLdX"	Check platform for binding, rubbing, reposition scale so all sides are clear Ensure all feet are supporting scale base Recycle power to reset the program
Pushbuttons Will Not Operate	Check cables for damage Disconnect display and plug into the other receptacle Recycle power to reset the program.

If error(s) cannot be resolved by suggested remedies, please contact Fairbanks Service. Replacement parts should be ordered through service. Please provide Model # and Serial # of the scale base when ordering parts.